

# AGRICULTURAL STATISTICS 1985



United States Department of Agriculture





## Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

AD-33 Bookplate  
(1-68)

**NATIONAL**

**A  
G  
R  
I  
C  
U  
L  
T  
U  
R  
A  
L**



**LIBRARY**

5

1  
Ag 844as

C4

1985





---

UNITED STATES  
DEPARTMENT OF AGRICULTURE

AGRICULTURAL  
STATISTICS

1985

PERMANENT  
ORIGINAL RECORDS

JUN 4 '86

USDA  
NATL AGRIC LIBRARY  
PTO



UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON: 1985

# Agricultural Statistics, 1985

*Agricultural Statistics*, 1985 was prepared under the direction of L. DUANE JEWELL, Data Services Branch, Statistical Reporting Service. EILEEN JOHNSON was responsible for coordination and technical editorial work.

The cooperation of the many contributors to this publication is gratefully acknowledged. Source notes below each table credit the various Government agencies which collaborated in furnishing information.

## CONTENTS

	Page		Page
Introduction .....	III	VII—Cattle, hogs, and sheep:	
Weights, measures, and conversion factors.....	IV	Cattle and calves .....	256
I—Grains:		Hogs.....	269
Total grain supply .....	1	Sheep and lambs .....	280
Food grains:		Wool .....	291
Wheat.....	1	Goats and mohair .....	296
Rye.....	15	Meats and meat products.....	297
Rice.....	19	Hides .....	306
Feed grains:		Livestock index numbers.....	308
Corn.....	30	VIII—Dairy and poultry products:	
Oats.....	38	Cows and dairy products.....	311
Barley.....	43	Chickens .....	346
Sorghum.....	50	Turkeys.....	360
Grain consumption.....	49	Eggs.....	364
Animal units fed.....	58	IX—Farm resources, income and expenses:	
Feedstuffs.....	60	Economic trends.....	369
II—Cotton, tobacco, sugar crops, and honey:		Farm property.....	370
Cotton.....	61	Population and employment.....	383
Sugar beets.....	76	Farm production and distribution.....	388
Sugar.....	79	Prices and income.....	397
Honey and beeswax.....	90	Costs and expenses.....	414
Sirups.....	91	X—Taxes, insurance, cooperatives, and credit:	
Tobacco.....	93	Taxes and insurance .....	420
III—Oilseeds, fats, and oils:		Credit and loan programs .....	426
Cottonseed.....	108	Farmers' cooperatives.....	438
Flaxseed.....	112	Rural electrification and telephones.....	440
Peanuts.....	117	XI—Stabilization and price-support programs:	
Soybeans.....	124	Price support .....	451
Sunflower.....	130	Payments to producers.....	461
Peppermint and spearmint.....	133	Marketing agreements and orders.....	463
Olive oil.....	135	XII—Agricultural conservation and forestry	
Margarine.....	135	statistics:	
Shortening.....	136	Conservation and pollution abatement	
Fats and oils.....	138	programs.....	464
IV—Vegetables and melons:		Soil conservation programs.....	474
Vegetables and melons.....	144	Forestry .....	480
Vegetable shipments.....	174	XIII—Consumption and family living:	
Vegetable consumption.....	177	Population .....	493
Commercial pack .....	180	Food consumption.....	494
V—Fruits, tree nuts, and horticultural specialties:		Food and nutrition programs.....	495
Fruits and berries.....	184	Prices at retail levels.....	502
Tree nuts.....	231	Food service establishments.....	503
Tea, cacao beans, and coffee.....	236	XIV—Miscellaneous statistics:	
Mushrooms.....	239	Agricultural imports and exports.....	507
VI—Hay, seeds, and minor field crops:		Federal procurements.....	521
Hay.....	240	Fishery statistics.....	523
Pasture and range.....	245	Refrigeration statistics.....	535
Rates of seeding.....	246	Alaska statistics.....	536
Seeds.....	248	Index.....	538
Beans, dry edible.....	250		
Peas, dry.....	253		
Hops.....	254		



## Introduction

*Agricultural Statistics* is published each year to meet the diverse need for a reliable reference book on agricultural production, supplies, consumption, facilities, costs, and returns. Its tables of annual data cover a wide variety of facts in forms suited to most common use.

Inquiries concerning more current or more detailed data, past and prospective revisions, or the statistical methodology used should be addressed directly to the agency credited with preparing the table. Most of the data were prepared or compiled in the U.S. Department of Agriculture.

The historical series in this volume have been generally limited to data beginning with 1970 or later.

Foreign agricultural trade statistics include Government as well as non-Government shipments of merchandise from the United States and Territories to foreign countries. They do not include U.S. shipments to the U.S. Armed Forces abroad for their own use or shipments between the States and U.S. Territories. The world summaries of production and trade of major farm products are prepared by the U.S. Department of Agriculture from reports of the U.S. Department of Commerce, official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, and the result of office research.

Statistics presented in many of the tables represent actual counts of the items covered. Most of the statistics relating to foreign trade and to Government programs, such as numbers and amounts of loans made to farmers, and amounts of loans made by the Commodity Credit Corporation, etc., are data of this type. A large number of other tables, however, contain data that are estimates made by the Department of Agriculture.

The estimates for crops, livestock, and poultry made by the U.S. Department of Agriculture are prepared mainly to give timely current State and national totals and averages. They are based on data obtained by sample surveys of farmers and of people who do business with farmers. The survey data are supplemented by information from the Censuses of Agriculture taken every 5 years and check data from various sources. Being estimates, they are subject to revision as more data become available from commercial or Government sources. Unless otherwise indicated, the totals for the United States shown in the various tables on area, production, numbers, price, value, supplies, and disposition are based on official Department estimates. They exclude States for which no official estimates are compiled.

### DEFINITIONS

"Value of production" as applied to crops in the various tables, is derived by multiplying production by the estimated season average price received by farmers for that portion of the commodity actually sold. In the case of fruits and vegetables, quantities not harvested because of low prices or other economic factors are not included in value of production. The word "Value" is used in the inventory tables on livestock and poultry to mean value of the number of head on the inventory date. It is derived by multiplying the number of head by an estimated value per head as of the date.

The word "Year" (alone) in a column heading means calendar year unless otherwise indicated. "Ton" when used in this book without qualifications means a short ton of 2,000 pounds.

## WEIGHTS, MEASURES, AND CONVERSION FACTORS

The following table on weights, measures, and conversion factors covers the most important agricultural products, or the products for which such information is most frequently asked of the U.S. Department of Agriculture. It does not cover all farm products nor all containers for any one product.

The information has been assembled from State schedules of legal weights, various sources within the U.S. Department of Agriculture, and other Government agencies. For most products, particularly fruits and vegetables, there is a considerable variation in weight per unit of volume due to differences in variety or size of commodity, condition and tightness of pack, degree to which the container is heaped, etc. Effort has been made to select the most representative and fairest average for each product. For those commodities which develop considerable shrinkage, the point of origin weight or weight at harvest has been used.

The approximate or average weights as given in this table do not necessarily have official standing as a basis for packing or as grounds for settling disputes. Not all of them are recognized as legal weight. The table was prepared chiefly for use of workers in the U.S. Department of Agriculture who have need of conversion factors in statistical computations.

**WEIGHTS, MEASURES, AND CONVERSION FACTORS**  
(See explanatory text just preceding this table)

**WEIGHTS AND MEASURES**

Commodity	Unit <sup>1</sup>	Approximate net weight		Commodity	Unit <sup>1</sup>	Approximate net weight	
		U.S.	Metric			U.S.	Metric
		<i>Pounds</i>	<i>Kilo-grams</i>			<i>Pounds</i>	<i>Kilo-grams</i>
Alfalfa seed .....	Bushel.....	60	27.2	Celery .....	Crate <sup>11</sup> .....	60	
	.....do.....	48	21.8		Lug .....		
Apples.....	Northwest box <sup>2</sup> .....	44	20.0	Cherries.....	(Campbell) <sup>12</sup> .....	16	7.3
	Fiberboard box, cell pack.....	37-44	16.8-20.0		Lug.....	20	9.1
Apricots.....	Lug (brentwood) <sup>3</sup> .....	24	10.9	Clover seed .....	Bushel.....	60	27.2
Western .....	4-basket crate <sup>4</sup> .....	26	11.8	Corn:			
Artichokes:				Ear, husked .....	Bushel.....	<sup>13</sup> 70	31.8
Globe .....	½-box.....	20	9.1	Shelled .....	.....do.....	56	25.4
Jerusalem .....	Bushel.....	50	22.7	Meal .....	.....do.....	50	22.7
Asparagus .....	Crate .....	30	13.6	Oil .....	Gallon.....	<sup>10</sup> 7.7	3.5
Avocados .....	Lug <sup>5</sup> .....	12-15	5.4-6.8	Sirup .....	.....do.....	11.72	5.3
Bananas .....	Fiber folding box <sup>6</sup> .....	40	18.1				
Barley .....	Bushel.....	48	21.8	Sweet .....	Mesh or paper bag .....	45-50	20.4-22.7
Beans:					Wirebound .....		
Lima, dry .....	.....do.....	56	25.4		.....crate.....	40-60	18.1-27.2
Other, dry .....	.....do.....	60	27.2	Cotton.....	Bale, gross .....	<sup>14</sup> 500	227
Lima, unshelled.	Bushel.....	28-32	12.7-14.5		Bale, net.....	<sup>14</sup> 480	218
Snap .....	.....do.....	28-32	12.7-14.5	Cottonseed .....	Bushel.....	<sup>15</sup> 32	14.5
Beets:				Cottonseed oil .....	Gallon.....	<sup>10</sup> 7.7	3.5
Without tops .....	.....do.....	50	22.7	Cowpeas .....	Bushel.....	60	27.2
Bunched .....	Wirebound crate .....	45	20.4	Cranberries .....	Bushel.....	100	45.4
Berries frozen pack:					¼-bbl. box <sup>16</sup> ..	25	11.3
Without sugar .....	50-gal. barrel .....	380	172	Cream, 40-percent.			
3 + 1 pack .....	.....do.....	425	193	butterfat.....	Gallon.....	8.38	3.80
2 + 1 pack .....	.....do.....	450	204	Cucumbers.....	Bushel.....	48	21.8
Blackberries .....	24-qt. crate .....	36	16.3	Dewberries.....	24-qt. crate .....	36	16.3
Bluegrass seed .....	Bushel.....	14-30	6.4-13.6	Eggplant.....	Bushel.....	33	15.0
Broccoli .....	Wirebound crate .....	20-25	9.1-11.3	Eggs, average size.	Case, 30 dozen .....	47.0	21.3
Broomcorn (6 bales per ton).	Bale.....	333	151	Escarole.....	Bushel.....	25	11.3
Broomcorn seed .....	Bushel.....	44-50	20.0-22.7	Figs, fresh .....	Box single layer <sup>17</sup> .....	6	2.7
Brussels sprouts .....	Drums.....	25	11.3	Flaxseed .....	Bushel.....	56	25.4
Buckwheat.....	Bushel.....	48	21.8	Flour, various .....	Bag .....	100	45.4
Butter .....	Box .....	64	29.0	Grapefruit:			
	Open mesh bag .....	50	22.7	Florida and Texas.....	½-box mesh bag.....	40	18.1
Cabbage.....	Wirebound crate <sup>7</sup> .....	50	22.7	Florida .....	1½ bu. box .....	85	38.6
	Western crate <sup>8</sup> .....	80	36.3	Texas.....	1½ bu. box .....	80	36.3
Cantaloups.....	Jumbo crate <sup>9</sup> ..	83	37.6	California			
Carrots:				Desert			
Without tops .....	Bushel.....	50	22.7	Valleys and Arizona .....	Box <sup>18</sup> .....	<sup>19</sup> 64	29.0
Castor beans.....	Open mesh bag .....	50	22.7		Carton <sup>20</sup> .....	32	14.5
Castor oil .....	Bushel.....	41	18.6	California other than Desert			
	Gallon.....	<sup>10</sup> 8	3.6	Valleys.....	Box <sup>18</sup> .....	67	30.4
	W.G.A. crate .....	50-60	22.7-27.2		Carton <sup>20</sup> .....	33½	15.2
	Fiberboard box .....			Grapes:			
Cauliflower .....	Wrapper leaves removed film-wrapped, 2 layers .....	23-35	10.4-15.9	Eastern .....	4-qt. climax basket .....	6	2.7
					12-qt. basket .....	18-20	8.2-9.1
					Lug <sup>21</sup> .....	28	12.7
				Western .....	4-basket crate <sup>22</sup> .....	20	9.1
					Bushel.....	44	20.0
				Hempseed .....	.....do.....	50	22.7
				Hickory nuts .....	Gallon.....	11.84	5.4
				Honey .....			
				Honeydew melons .....	Jumbo crate <sup>23</sup> .....	44	20.0
				Hops .....	Bale, gross .....	200	90.7

See footnotes on page IX.



## WEIGHTS AND MEASURES—Continued

Commodity	Unit <sup>1</sup>	Approximate net weight		Commodity	Unit <sup>1</sup>	Approximate net weight	
		U.S.	Metric			U.S.	Metric
		Pounds	Kilo-grams			Pounds	Kilo-grams
Horseradish roots.....	{ Bushel.....	35	15.9	Pears:	Bushel.....	48	21.8
	{ Barrel.....	100	45.4	California.....	.....do.....	50	22.7
Hungarian millet seed.....	Bushel.....	48 and 50	21.8-22.7	Other.....	Box <sup>27</sup> .....	46	20.9
Kale.....do.....	.....do.....	18	8.2	Peas:			
Kapok seed.....do.....	.....do.....	35-40	15.9-18.1	Green, unshelled.....	Bushel.....	28-30	12.7-13.6
Lard.....do.....	Tierce.....	375	170	Dry.....do.....	.....do.....	60	27.2
Lemons:				Peppers, green.....	{ Fiberboard	25-30	11.3-13.6
California and Arizona.....	{ Box <sup>24</sup> .....	19 76	34.5		{ carton.....	30-34	13.6-15.4
	{ Carton <sup>20</sup> .....	38	17.2	Perilla seed.....	Bushel.....	37-40	16.8-18.1
Lentils.....do.....	Bushel.....	60	27.2	Pineapples.....	Crate <sup>28</sup> .....	70	31.8
Lettuce.....do.....	Fiberboard box, carton.....	38-55	17.2-24.9	Plums and prunes:			
Lettuce, hot-house.....	24-qt. basket.....	10	4.5	California.....	4-basket crate <sup>29</sup> .....	28-34	12.7-15.4
Limes (Florida).....	Box.....	80	36.3	Other.....do.....	½-bu. basket.....	28	12.7
Linseed oil.....do.....	Gallon.....	10 7.7	3.5	Popcorn:			
Malt.....do.....	Bushel.....	34	15.4	On ear.....do.....	Bushel.....	13 70	31.8
Maple sirup.....do.....	Gallon.....	11.02	5.00	Shelled.....do.....	.....do.....	56	25.4
Meadow fescue seed.....	Bushel.....	24	10.9	Poppy seed.....do.....	.....do.....	46	20.9
Milk.....do.....	Gallon.....	8.6	3.90	Potatoes.....do.....	{ Bushel.....	60	27.2
Millet.....do.....	Bushel.....	48-60	21.8-22.7		{ Barrel.....	165	74.8
Molasses, edible.....	Gallon.....	11.74	5.3		{ Bag.....	50	22.7
Molasses, inedible.....do.....	.....do.....	11.74	5.3	Quinces.....do.....	.....do.....	100	45.4
Mustard seed.....do.....	Bushel.....	58-60	26.3-27.2	Rapeseed.....do.....	Bushel.....	48	21.8
Oats.....do.....	.....do.....	32	14.5	Raspberries.....do.....	50 and 60	22.7-27.2	
Olives.....do.....	Lug <sup>21</sup> .....	25-30	11.3-13.6	Redtop seed.....do.....	24-qt. crate.....	36	16.3
Olive oil.....do.....	Gallon.....	10 7.6	3.5	Refiners' sirup.....	Bushel.....	50 and 60	22.7-27.2
Onions, dry.....do.....	Sack.....	50	22.7	Rice:	Gallon.....	11.45	5.2
Onions, green bunched.....	Crate.....	60-65	27.2-29.5	Rough.....do.....	{ Bushel.....	45	20.4
Onion sets.....do.....	Bushel.....	28-32	12.7-14.5		{ Bag.....	100	45.4
Oranges:				Milled.....do.....	{ Barrel.....	162	73.5
Florida and Texas.....	{ ½-box mesh bag.....	45	20.4	Rosin.....do.....	Pocket or bag.....	100	45.4
	{ Box <sup>25</sup> .....	90	40.8	Rutabagas.....do.....	Drum, net.....	520	236
California and Arizona.....	{ Box <sup>18</sup> .....	19 75	34.0	Rye.....do.....	Bushel.....	56	25.4
	{ Carton <sup>20</sup> .....	37½	17.0	Sesame seed.....do.....	.....do.....	46	20.9
Orchardgrass seed.....	Bushel.....	14	6.4	Shallots.....do.....	Crate (4-7 doz. bunches).....	20-35	9.1-15.9
Palm oil.....do.....	Gallon.....	10 7.7	3.5	Sorgo:			
Parsnips.....do.....	Bushel.....	50	22.7	Seed.....do.....	Bushel.....	50	22.7
	{ ..do.....	48	21.8	Sirup.....do.....	Gallon.....	11.55	5.2
Peaches.....do.....	{ ..do.....	20	9.1	Sorghum grain <sup>30</sup> .....	Bushel.....	56	25.4
	{ California fruit box.....	26 18	8.2	Soybeans.....do.....	.....do.....	60	27.2
Peanut oil.....do.....	Gallon.....	10 7.7	3.5	Soybean oil.....do.....	Gallon.....	10 7.7	3.5
Peanuts, unshelled:				Spelt.....do.....	Bushel.....	40	18.1
Virginia type.....	Bushel.....	17	7.7	Spinach.....do.....	{ 24-qt. crate.....	18-20	8.2-9.1
Runners, Southeastern.....do.....	.....do.....	21	9.5	Strawberries.....do.....	{ 12-pt. crate.....	9-11	4.1-5.0
Spanish:				Sudangrass seed.....	Bushel.....	40	18.1
Southeastern.....do.....	.....do.....	25	11.3	Sugarcane:			
Southwestern.....do.....	.....do.....	25	11.3	sirup			
				(unsulfured or unsulfured).....	Gallon.....	11.45	5.2
				Sunflower seed.....	Bushel.....	24 and 32	10.9-14.5
				Sweetpotatoes.....	{ ..do.....	31 55	24.9
					{ Crate.....	50	22.7
				Tangerines, Florida.....	¾-bu. box.....	47½	21.5

See footnotes on page IX.

WEIGHTS AND MEASURES—Continued

Commodity	Unit <sup>1</sup>	Approximate net weight		Commodity	Unit <sup>1</sup>	Approximate net weight	
		U.S.	Metric			U.S.	Metric
Timothy seed .....	Bushel .....	<i>Pounds</i> 45	<i>Kilo-grams</i> 20.4	Tung oil .....	Gallon .....	<i>Pounds</i> <sup>10</sup> 7.8	<i>Kilo-grams</i> 3.5
Tobacco:				Turnips:			
Maryland .....	Hogshead .....	775	352	Without tops .....	Mesh sack .....	50	22.7
Flue-cured .....	.....do .....	950	431	Bunched .....	Crate <sup>8</sup> .....	70-80	31.8-36.3
Burley .....	.....do .....	975	442	Turpentine .....	Gallon .....	7.23	3.3
Dark air-cured .....	.....do .....	1,150	522	Velvetbeans	Bushel .....	60	27.2
Virginia fire-cured .....	.....do .....	1,350	612	(hulled) .....	.....do .....	60	27.2
Kentucky and Tennessee fire-cured .....	.....do .....	1,500	680	Vetch .....	.....do .....	50	22.7
Cigar-leaf .....	{ Case .....	250-365	113-166	Walnuts .....	Gallon .....	8.33	3.8
	{ Bale .....	150-175	68.0-79.4	Water 60° F .....	Melons of average or medium size .....	25	11.3
	{ Crate .....	60	27.2				
Tomatoes .....	{ Lug box <sup>21</sup> .....	32	14.5	Wheat .....	Bushel .....	60	27.2
	{ 2-layer flat .....	21	9.5		{ Short ton .....	2,000	907
Tomatoes, hothouse .....	12-qt. basket .....	20	9.1	Various commodities .....	{ Long ton .....	2,240	1,016
					{ Metric ton .....	2,204.6	1,000

See footnotes on page IX.

To Convert From Avoirdupois Pounds

To	Multiply by
Kilograms .....	0.45359237
Metric tons .....	0.00045359237

Conversion Factors

- 1 Metric ton = 2,204.622 pounds
- 1 Kilogram = 2.2046 pounds
- 1 Acre = 0.4047 hectares
- 1 Hectare = 2.47 acres
- 1 Square mile = 640 acres = 259 hectare
- 1 Gallon = 3.7853 liters

## CONVERSION FACTORS

Commodity	Unit	Approximate equivalent
Apples.....	1 pound dried.....	7 pounds fresh; beginning 1943, 8 pounds fresh
Do.....	1 pound chops.....	5 pounds fresh
Do.....	1 case canned <sup>32</sup> .....	1.4 bushels fresh
Applesauce.....	do <sup>32</sup> .....	1.2 bushels fresh
Apricots.....	1 pound dried.....	6 pounds fresh
Barley flour.....	100 pounds.....	4.59 bushels barley
Beans, lima.....	1 pound shelled.....	2 pounds unshelled
Beans, snap or wax.....	1 case canned <sup>33</sup> .....	0.008 ton fresh
Buckwheat flour.....	100 pounds.....	3.47 bushels buckwheat
Calves.....	1 pound live weight.....	0.557 pound dressed weight (1954-63 average)
Cattle.....	do.....	0.561 pound dressed weight (1954-63 average)
Cane sirup.....	1 gallon.....	5 pounds sugar
Cherries, tart.....	1 case canned <sup>32</sup> .....	0.023 ton fresh
Chickens.....	1 pound live weight.....	0.72 pound ready-to-cook weight
Corn, shelled.....	1 bushel (56 lbs.).....	2 bushels (70 pounds) of husked ear corn
Corn, sweet.....	1 case canned <sup>33</sup> .....	0.030 ton fresh
Cornmeal:		
Degermed.....	100 pounds.....	3.16 bushels corn, beginning 1946
Nondegermed.....	do.....	2 bushels corn, beginning 1946
Cotton.....	1 pound ginned.....	3.26 pounds seed cotton, including trash <sup>34</sup>
Cottonseed meal.....	1 pound.....	2.10 pounds cottonseed
Cottonseed oil.....	do.....	5.88 pounds cottonseed
Dairy products:		
Butter.....	do.....	21.1 pounds milk
Cheese.....	do.....	10 pounds milk
Condensed milk, whole.....	do.....	2.3 pounds milk
Dry cream.....	do.....	19 pounds milk
Dry milk, whole.....	do.....	7.6 pounds milk
Evaporated milk, whole.....	do.....	2.14 pounds milk
Malted milk.....	do.....	2.6 pounds milk
Nonfat dry milk.....	do.....	11 pounds liquid skim milk
Ice cream <sup>35</sup> .....	1 gallon.....	15 pounds milk
Ice cream <sup>35</sup> (eliminating fat from butter and concentrated milk).....	do.....	12 pounds milk
Eggs.....	1 case.....	47 pounds
Eggs, shell.....	do.....	39.5 pounds frozen or liquid whole eggs
Do.....	do.....	10.3 pounds dried whole eggs
Figs.....	1 pound dried.....	3 pounds fresh in California; 4 pounds fresh elsewhere
Flaxseed.....	1 bushel.....	About 2½ gallons oil
Grapefruit, Florida.....	1 case canned juice <sup>33</sup> .....	0.64 box fresh fruit
Hogs.....	1 pound live weight.....	0.579 pound dressed weight, excluding lard (1954-63 average)
Linseed meal.....	1 pound.....	1.51 pounds flaxseed
Linseed oil.....	do.....	2.77 pounds flaxseed
Malt.....	1 bushel (34 lbs.).....	1 bushel barley (48 lbs.)
Maple sirup.....	1 gallon.....	8 pounds maple sugar
Nuts:		
Almonds, imported.....	1 pound shelled.....	3½ pounds unshelled
Almonds, California.....	do.....	2.22 pounds unshelled through 1949; 2 pounds thereafter
Brazil.....	do.....	2 pounds unshelled
Cashews.....	do.....	4.55 pounds unshelled
Chestnuts.....	do.....	1.19 pounds unshelled
Filberts.....	do.....	2.22 pounds unshelled through 1949; 2.5 pounds thereafter
Pecans:		
Seedling.....	do.....	2.78 pounds unshelled
Improved.....	do.....	2.50 pounds unshelled
Pignolias.....	do.....	1.3 pounds unshelled
Pistachios.....	do.....	2 pounds unshelled
Walnuts:		
Black.....	do.....	5.88 pounds unshelled
Persian (English).....	do.....	2.67 pounds unshelled
Oatmeal.....	100 pounds.....	7.6 bushels oats, beginning 1943
Oranges, Florida.....	1 case canned juice <sup>33</sup> .....	0.53 box fresh
Peaches, California, freestone.....	1 pound dried.....	5½ pounds fresh through 1918; 6 pounds fresh for 1919-28; and 6½ pounds fresh from 1929 to date
Peaches, California, clingstone.....	do.....	7½ pounds fresh
Peaches, clingstone.....	1 case canned <sup>32</sup> .....	1 bushel fresh
Do.....	do.....	0.0230 ton fresh
Peanuts.....	1 pound shelled.....	1½ pounds unshelled
Pears.....	1 pound dried.....	6½ pounds fresh
Pears, Bartlett.....	1 case canned <sup>33</sup> .....	1.1 bushels fresh
Do.....	do.....	0.026 ton fresh

See footnotes on page IX.



CONVERSION FACTORS—Continued

Commodity	Unit	Approximate equivalent
Peas, green.....	1 pound shelled.....	2½ pounds unshelled
Do.....	1 case canned <sup>33</sup> .....	0.009 ton fresh (shelled)
Prunes.....	1 pound dried.....	2.7 pounds fresh in California; 3 to 4 pounds fresh elsewhere
Raisins.....	1 pound.....	4.3 pounds fresh grapes
Rice, milled (excluding brewers).....	100 pounds.....	152 pounds rough or unhulled rice
Rye flour.....	do.....	2.23 bushels rye, beginning 1947
Sheep and lambs.....	1 pound live weight.....	0.482 pound dressed weight (1954-63 average)
Soybean meal.....	1 pound.....	1.27 pounds soybeans
Soybean oil.....	do.....	5.49 pounds soybeans
Sugar.....	1 ton raw.....	0.9346 ton refined
Tobacco.....	1 pound farm-sales weight.....	Various weights of stemmed and unstemmed, according to aging and the type of tobacco. (See circular 435, U.S. Dept. of Agr.)
Tomatoes.....	1 case canned <sup>33</sup> .....	0.018 ton fresh
Turkeys.....	1 pound live weight.....	0.80 pound ready-to-cook weight
Wheat flour.....	100 pounds.....	2.30 bushels wheat <sup>36</sup>
Wool, domestic apparel shorn.....	1 pound greasy.....	0.48 pounds scoured
Wool, domestic apparel pulled.....	do.....	0.73 pound scoured

<sup>1</sup>Standard bushel used in the United States contains 2,150.42 cubic inches; the gallon, 231 cubic inches; the cranberry barrel, 5,826 cubic inches; and the standard fruit and vegetable barrel, 7,056 cubic inches. Such large-sized products as apples and potatoes sometimes are sold on the basis of a heaped bushel, which would exceed somewhat the 2,150.42 cubic inches of a bushel basket level full. This also applies to such products as sweetpotatoes, peaches, green beans, green peas, spinach, etc.

<sup>2</sup>Approximate inside dimensions, 10½ by 11½ by 18 inches.

<sup>3</sup>Approximate inside dimensions, 4½ by 12½ by 16½ inches.

<sup>4</sup>Approximate inside dimensions, 4½ by 16 by 16½ inches.

<sup>5</sup>Approximate dimensions, 4½ by 13½ by 16½ inches.

<sup>6</sup>Approximate inside dimensions, 13 by 12 by 32 inches.

<sup>7</sup>Inside dimensions vary. Common sizes are 13 by 13 by 22½ inches, and 13 by 15½ by 23 inches.

<sup>8</sup>Approximate inside dimensions, 13 by 18 by 21½ inches.

<sup>9</sup>Approximate inside dimensions, 13 by 13 by 22½ inches.

<sup>10</sup>This is the weight commonly used in trade practices, the actual weight varying according to temperature conditions.

<sup>11</sup>Approximate inside dimensions, 9½ by 16 by 20 inches.

<sup>12</sup>Approximate inside dimensions, 4½ by 11½ by 14 inches.

<sup>13</sup>The standard weight of 70 pounds is usually recognized as being about 2 measured bushels of corn, husked, on the ear, because it required 70 pounds to yield 1 bushel, or 56 pounds, of shelled corn.

<sup>14</sup>For statistical purposes the bale of cotton is 500 pounds or 480 pounds net weight. Prior to Aug. 1, 1946, the net weight was estimated at 478 pounds. Actual bale weights vary considerably, and the customary average weights of bales of foreign cotton differ from that of the American square bale.

<sup>15</sup>This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.

<sup>16</sup>Approximate inside dimensions, 9½ by 10½ by 15 inches.

<sup>17</sup>Approximate inside dimensions, 1½ by 11 by 16½ inches.

<sup>18</sup>Approximate inside dimensions, 11½ by 11½ by 24 inches.

<sup>19</sup>In California and Arizona from 1942 through 1953, the net weights as used by this Department were 77 pounds for oranges, 79 pounds for lemons, and 65 pounds for Desert Valleys grapefruit. Grapefruit in California areas, other than the Desert Valleys, averaged 68 pounds. The new weights effective in 1954 reflect the shift from the "box" to the other ½-box carton as the container used.

<sup>20</sup>Approximate inside dimensions, 10½ by 10½ by 16½ inches for oranges or lemons, and 9½ by 10½ by 16½ inches for grapefruit.

<sup>21</sup>Approximate inside dimensions, 5½ by 13½ by 16½ inches.

<sup>22</sup>Approximate inside dimensions, 4½ by 16 by 16½ inches.

<sup>23</sup>Approximate inside dimensions, 7½ by 16 by 21½ inches.

<sup>24</sup>Approximate inside dimensions, 9½ by 13 by 25 inches.

<sup>25</sup>Approximate inside dimensions, 12 by 12 by 24 inches.

<sup>26</sup>Approximate inside dimensions vary. Common size is 4½ by 11½ by 16½ inches.

<sup>27</sup>Approximate inside dimensions, 8½ by 11½ by 18 inches.

<sup>28</sup>Approximate inside dimensions, 12 by 10½ by 33 inches.

<sup>29</sup>Inside dimensions vary. Ranges from 4 by 16 by 16½ inches to 6 by 16 by 16½ inches.

<sup>30</sup>Includes both sorghum grain (kafir, milo, hegari, etc.) and sweet sorghum varieties.

<sup>31</sup>This average of 55 pounds indicates the usual weight of sweetpotatoes when harvested. Much weight is lost in curing or drying and the net weight when sold in terminal markets may be below 55 pounds.

<sup>32</sup>Case of 24 No. 2½ cans.

<sup>33</sup>Case of 24 No. 303 cans.

<sup>34</sup>Varies widely by method of harvesting.

<sup>35</sup>The milk equivalent of ice cream per gallon is 15 pounds. Reports from plants indicate about 81 percent of the butterfat in ice cream is from milk and cream, the remainder being from butter and concentrated milk. Thus the milk equivalent of the milk and cream in a gallon of ice cream is about 12 pounds.

<sup>36</sup>This is equivalent to 4.51 bushels of wheat per barrel (196 pounds) of flour and has been used in conversions, beginning July 1, 1957. Because of changes in milling processes, the following factors per barrel of flour have been used for earlier periods: 1790-1879, 5 bushels; 1880-1908, 4.75 bushels; 1909-17, 4.7 bushels; 1918 and 1919, 4.5 bushels; 1920, 4.6 bushels; 1921-44, 4.7 bushels; July 1944-Feb. 1946, 4.57 bushels; March 1946-Oct. 1946, average was about 4.31 bushels; and Nov. 1946-June 1957, 4.57 bushels.



# CHAPTER I

## STATISTICS OF GRAIN AND FEED

This chapter contains tables for wheat, rye, rice, corn, oats, barley, sorghum grain, and feedstuffs. Estimates are given of area, production, disposition, supply and disappearance, prices, value of production, stocks, foreign production and trade, price-support operations, animal units fed, and feed consumed by livestock and poultry.

**Table 1.—Total grain: Supply and disappearance, United States, 1970-84**

Year <sup>1</sup>	Supply				Disappearance				Ending stocks
	Beginning stocks	Production	Imports	Total	Domestic use	Exports	Residual	Total disappearance	
	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons
1970.....	73.6	186.7	0.5	260.8	164.0	41.4	( <sup>2</sup> )	205.4	55.4
1971.....	55.4	237.5	.3	293.2	175.5	43.8	( <sup>2</sup> )	219.3	73.9
1972.....	73.9	228.1	.4	302.4	181.4	72.6	0.2	254.2	48.2
1973.....	48.2	237.6	.3	286.1	178.1	76.4	( <sup>2</sup> )	254.5	31.6
1974.....	31.6	204.4	.6	236.6	142.3	66.7	( <sup>2</sup> )	209.0	27.6
1975.....	27.6	249.1	.5	277.2	155.6	84.5	( <sup>2</sup> )	240.1	37.1
1976.....	37.1	258.1	.4	295.6	153.9	79.4	.2	233.5	62.1
1977.....	62.1	265.8	.4	328.3	163.2	90.2	.1	253.5	74.8
1978.....	74.8	276.5	.3	351.6	182.4	96.1	.2	278.7	72.9
1979.....	72.9	302.9	.4	376.2	184.9	112.5	.3	297.7	78.5
1980.....	78.5	269.6	.3	348.4	170.8	114.9	.4	286.1	62.3
1981.....	62.3	330.7	.4	393.4	180.6	110.4	.4	291.4	102.0
1982.....	102.0	332.9	.5	435.3	194.9	98.2	.5	293.6	141.8
1983.....	141.8	207.5	.8	350.1	180.1	97.8	.3	278.2	71.9
1984 <sup>3</sup> .....	72.0	313.9	.9	386.8	197.8	99.8	.2	297.8	89.0

<sup>1</sup> Year beginning Oct. 1 for corn and sorghum; June 1 for oats, barley, wheat, and rye; and Aug. 1 for rice.

<sup>2</sup> Negligible.

<sup>3</sup> Preliminary.

Totals may not add due to independent rounding.

Economic Research Service.

**Table 2.—Wheat: Area, yield, production, disposition, and value, United States, 1970-84**

Year	Area		Yield per harvested acre	Production	Used on farms where produced		Sold	Season average price per bushel received by farm- ers <sup>2</sup>	Value of produc- tion <sup>2</sup>
	Plant- ed <sup>1</sup>	Harvest- ed			For seed	Fed to live- stock			
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	48,739	43,564	31.0	1,351,558	35,440	59,860	1,256,258	1.33	1,803,241
1971.....	53,822	47,635	33.9	1,618,636	37,300	71,768	1,509,568	1.34	2,167,797
1972.....	54,913	47,303	32.7	1,546,209	37,953	47,011	1,461,245	1.76	2,706,121
1973.....	59,254	54,148	31.6	1,710,787	48,449	28,060	1,634,278	3.95	6,744,631
1974.....	71,044	65,368	27.3	1,781,918	<sup>3</sup> 87,534		1,694,384	4.09	7,287,261
1975.....	74,900	69,499	30.6	2,126,927	94,844		2,032,083	3.55	7,549,829
1976.....	80,395	70,927	30.3	2,148,780	104,755		2,044,025	2.73	5,867,836
1977.....	75,410	66,686	30.7	2,045,527	117,391		1,928,136	2.33	4,764,557
1978.....	65,989	56,495	31.4	1,775,524	83,151		1,692,373	2.97	5,280,634
1979.....	71,424	62,454	34.2	2,134,060	87,564		2,046,496	3.78	8,070,378
1980.....	80,788	71,125	33.5	2,380,934	( <sup>4</sup> )		( <sup>4</sup> )	3.91	9,302,831
1981.....	88,251	80,642	34.5	2,785,357	( <sup>4</sup> )		( <sup>4</sup> )	3.66	10,172,242
1982.....	86,232	77,937	35.5	2,764,967	( <sup>4</sup> )		( <sup>4</sup> )	3.55	9,813,015
1983.....	76,419	61,390	39.4	2,419,824	( <sup>4</sup> )		( <sup>4</sup> )	3.53	8,532,790
1984 <sup>5</sup> .....	79,213	66,928	38.8	2,595,479	( <sup>4</sup> )		( <sup>4</sup> )	3.37	8,735,303

See footnotes on page 3.

Table 3.—Wheat, by kinds: Area, yield, production, and value, United States, 1970–84

Year	Area		Yield per harvested acre	Production	Season average price per bushel received by farmers <sup>2</sup>	Value of production <sup>2</sup>
	Planted <sup>1</sup>	Harvested				
Winter wheat						
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	37,623	32,702	33.4	1,091,744		
1971.....	38,072	32,370	35.4	1,145,011	1.35	1,544,116
1972.....	42,183	34,859	34.0	1,186,498	1.71	2,022,251
1973.....	43,501	38,747	33.0	1,278,220	3.72	4,745,524
1974.....	52,023	46,778	29.4	1,375,526	3.90	5,370,469
1975.....	55,954	51,376	32.0	1,642,900	3.37	5,540,438
1976.....	57,822	49,578	31.5	1,564,118	2.73	4,264,242
1977.....	56,469	48,772	31.6	1,540,419	2.28	3,506,778
1978.....	47,549	38,491	31.8	1,222,446	3.01	3,677,175
1979.....	51,787	43,427	36.9	1,601,234	3.79	6,075,553
1980.....	57,771	51,635	36.8	1,902,011	3.83	7,286,005
1981.....	65,547	58,476	35.9	2,097,057	3.65	7,643,158
1982.....	65,516	57,633	36.0	2,073,560	3.50	7,248,918
1983.....	62,105	47,584	41.8	1,988,304	3.48	6,910,125
1984 <sup>a</sup> .....	63,419	51,513	40.0	2,060,646	3.33	6,853,382
Durum wheat <sup>4</sup>						
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	2,167	2,105	25.1	52,771		
1971.....	2,943	2,864	32.1	91,805	1.31	120,350
1972.....	2,592	2,550	28.6	72,912	1.93	141,040
1973.....	2,952	2,884	27.2	78,455	6.16	483,002
1974.....	4,174	4,099	19.8	81,245	5.96	484,041
1975.....	4,830	4,680	26.4	123,362	4.66	575,025
1976.....	4,748	4,584	29.4	134,914	2.96	398,856
1977.....	3,183	3,025	26.4	79,964	2.69	215,413
1978.....	4,110	4,024	33.1	133,328	2.93	390,608
1979.....	4,042	3,932	27.1	106,654	4.35	463,847
1980.....	5,525	4,840	22.4	108,395	5.07	549,261
1981.....	5,776	5,655	32.4	183,040	3.72	681,633
1982.....	4,290	4,177	34.9	145,863	3.66	534,156
1983.....	2,565	2,492	29.3	72,979	4.01	292,418
1984 <sup>a</sup> .....	3,277	3,219	32.1	103,439	3.80	393,279
Other spring wheat <sup>5</sup>						
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	8,949	8,757	23.6	207,043		
1971.....	12,807	12,451	30.7	381,820	1.32	503,331
1972.....	10,138	9,894	29.0	286,799	1.89	542,830
1973.....	12,801	12,517	28.3	354,112	4.28	1,516,105
1974.....	14,847	14,491	22.4	325,147	4.41	1,432,751
1975.....	14,116	13,443	26.8	360,665	3.98	1,434,366
1976.....	17,825	16,765	26.8	449,748	2.68	1,204,738
1977.....	15,758	14,889	28.6	425,144	2.45	1,042,366
1978.....	14,330	13,980	30.0	419,750	2.89	1,212,851
1979.....	15,595	15,095	28.2	426,172	3.59	1,530,978
1980.....	17,492	14,650	25.3	370,528	3.96	1,467,565
1981.....	16,928	16,511	30.6	505,260	3.66	1,847,451
1982.....	16,426	16,127	33.8	545,544	3.72	2,029,941
1983.....	11,749	11,314	31.7	358,541	3.71	1,330,247
1984 <sup>a</sup> .....	12,517	12,196	35.4	431,394	3.45	1,488,642

<sup>1</sup> Seeded in preceding fall for winter wheat.<sup>2</sup> Obtained by weighting State prices by quantity sold. Includes allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate, by States, where applicable.<sup>3</sup> Preliminary.<sup>4</sup> Includes California, Minnesota, Montana, North Dakota, and South Dakota. In addition 1976 and 1977 includes New Mexico; beginning 1976 includes Arizona.<sup>5</sup> Includes small quantities of durum wheat grown in States other than those mentioned in footnote 4.

Statistical Reporting Service.

Table 4.—Wheat: Stocks on and off farms, United States, 1970-84

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>
All wheat								
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1970.....	663,673	526,092	381,098	240,276	1,124,797	883,878	679,337	491,202
1971.....	826,860	694,549	525,743	355,050	1,046,932	853,100	684,961	508,203
1972.....	730,210	510,202	316,063	183,923	1,140,699	888,801	611,253	304,578
1973.....	608,466	364,382	181,704	89,455	843,084	563,952	366,441	158,201
1974.....	680,469	446,289	274,106	132,734	881,665	661,171	387,982	194,255
1975.....	756,805	548,600	343,212	235,861	1,129,044	838,028	594,151	429,768
1976.....	835,437	667,210	512,360	527,337	1,354,946	1,116,376	878,534	685,912
1977.....	1,039,227	834,577	642,106	494,018	1,365,322	1,162,459	887,832	683,790
1978.....	1,029,682	814,400	633,254	484,322	1,104,169	816,364	596,172	439,777
1979.....	1,030,071	773,920	569,600	376,501	1,240,745	942,247	655,518	525,498
1980.....	975,946	753,950	539,077	414,394	1,497,550	1,150,253	790,059	574,719
1981.....	1,197,704	948,675	742,573	576,196	1,529,800	1,223,397	809,041	583,168
1982.....	1,402,252	1,150,534	870,822	668,938	1,567,214	1,355,646	991,165	846,125
1983.....	1,235,870	1,015,408	771,212	591,650	1,719,317	1,310,964	986,924	806,996
1984 <sup>3</sup> .....	1,217,308	930,512	713,416	582,179	1,522,679	1,210,750	953,694	842,320
Durum wheat								
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1970.....	83,853	69,660	56,120	41,672	25,591	24,803	22,856	16,817
1971.....	105,737	94,340	75,345	48,086	27,070	24,928	24,959	21,165
1972.....	92,538	72,016	48,249	19,979	24,458	25,910	23,132	16,891
1973.....	67,903	49,251	34,390	18,058	21,460	18,433	16,516	9,938
1974.....	70,196	51,832	37,836	14,593	21,377	18,727	11,498	6,713
1975.....	87,406	65,412	53,033	38,906	27,657	20,528	18,065	14,550
1976.....	110,544	94,999	79,347	70,643	39,571	32,631	28,895	21,120
1977.....	103,462	81,891	61,635	49,626	36,338	26,524	29,754	17,265
1978.....	120,309	98,694	82,966	69,685	30,012	18,312	21,519	16,084
1979.....	122,621	87,384	64,486	48,669	30,070	19,776	21,327	12,342
1980.....	88,456	73,990	59,974	45,183	34,406	29,448	23,282	14,735
1981.....	144,837	119,151	103,717	88,819	41,688	31,034	26,947	17,145
1982.....	174,464	153,683	128,388	111,059	40,947	33,266	34,039	24,898
1983.....	112,849	97,776	86,007	71,554	46,392	35,267	34,245	27,125
1984 <sup>3</sup> .....	125,005	95,033	81,819	69,225	51,571	37,212	33,007	30,737

<sup>1</sup> Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July 1.<sup>2</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>3</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 2

<sup>1</sup> Includes area seeded in preceding fall for winter wheat.<sup>2</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.<sup>3</sup> Beginning 1974, not estimated separately.<sup>4</sup> Estimates discontinued.<sup>5</sup> Preliminary.

Statistical Reporting Service.



Table 5.—Wheat: Supply and disappearance, United States, 1970-84

Year begin- ning June	Supply				Disappearance							Ending stocks May 31
	Begin- ning stocks	Produc- tion	Im- ports <sup>1</sup>	Total	Domestic use				Ex- ports <sup>1</sup>	Total disap- pearance		
					Food	Seed	Feed <sup>2</sup>	Total				
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	
1970.....	983	1,352	1	2,336	517	62	193	772	741	1,513	823	
1971.....	823	1,618	1	2,442	524	63	262	849	610	1,459	983	
1972.....	983	1,546	1	2,530	532	67	200	799	1,135	1,934	597	
1973.....	<sup>a</sup> 597	1,711	3	2,311	544	84	126	754	1,217	1,971	340	
1974.....	340	1,782	3	2,125	545	92	35	672	1,018	1,690	435	
1975.....	435	2,127	2	2,564	589	99	38	726	1,173	1,898	666	
1976.....	666	2,149	2	2,817	588	92	74	754	950	1,704	1,113	
1977.....	1,113	2,046	2	3,161	586	80	193	859	1,124	1,983	1,178	
1978.....	1,178	1,776	2	2,955	592	87	158	837	1,194	2,031	924	
1979.....	924	2,134	2	3,060	596	101	86	783	1,375	2,158	902	
1980.....	902	2,381	3	3,285	611	113	59	783	1,514	2,296	989	
1981.....	989	2,785	3	3,777	602	110	139	847	1,771	2,618	1,159	
1982.....	1,159	2,765	8	3,932	616	97	195	908	1,509	2,417	1,515	
1983.....	1,515	2,420	4	3,939	636	100	376	1,111	1,429	2,540	1,399	
1984 <sup>a</sup> .....	1,399	2,595	8	4,002	645	90	419	1,154	1,424	2,578	1,424	

<sup>1</sup> Imports and exports include flour and other products expressed in wheat equivalent. <sup>2</sup> Residual, approximates feed use and includes negligible quantities used for distilled spirits. <sup>3</sup> Excludes an abnormally large volume of grain in transit. <sup>4</sup> Preliminary.

Economic Research Service. Totals may not add due to independent rounding.

Table 6.—Wheat: Supply and disappearance, by classes, United States, 1980-83<sup>1</sup>

Item	Year beginning June				Item	Year beginning June			
	1980	1981	1982	1983 <sup>2</sup>		1980	1981	1982	1983 <sup>2</sup>
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>		<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
All wheat:					Hard red spring:				
Stocks, June 1....	902	989	1,159	1,515	Stocks, June 1....	285	257	346	408
Production.....	2,381	2,785	2,765	2,420	Production.....	312	464	492	323
Supply <sup>3</sup> .....	3,285	3,777	3,932	3,939	Supply <sup>3</sup> .....	598	722	842	732
Exports <sup>4</sup> .....	1,514	1,771	1,509	1,429	Exports <sup>4</sup> .....	188	205	239	221
Domestic disappear- ance.....	783	847	908	1,111	Domestic disappear- ance.....	153	171	195	187
Stocks, May 31.....	989	1,159	1,515	1,399	Stocks, May 31.....	257	346	408	314
Hard red winter:					Durum:				
Stocks, June 1....	440	541	538	754	Stocks, June 1....	61	60	106	136
Production.....	1,181	1,112	1,243	1,192	Production.....	108	183	146	73
Supply.....	1,621	1,653	1,781	1,946	Supply <sup>3</sup> .....	171	245	256	212
Exports <sup>4</sup> .....	701	754	679	704	Exports <sup>4</sup> .....	59	82	59	62
Domestic disappear- ance.....	379	361	348	503	Domestic disappear- ance.....	52	57	61	51
Stocks, May 31.....	541	538	754	745	Stocks, May 31.....	60	106	136	99
Soft red winter:					White:				
Stocks, June 1....	40	38	60	74	Stocks, June 1....	76	93	109	143
Production.....	442	678	590	504	Production.....	338	348	294	322
Supply.....	482	716	650	578	Supply <sup>3</sup> .....	414	441	403	465
Exports <sup>4</sup> .....	299	460	325	222	Exports <sup>4</sup> .....	267	270	207	220
Domestic disappear- ance.....	145	196	251	282	Domestic disappear- ance.....	54	62	53	78
Stocks, May 31.....	38	60	74	74	Stocks, May 31.....	93	109	143	167

<sup>1</sup> Data except production are approximations. <sup>2</sup> Preliminary. <sup>3</sup> Total supply includes imports. <sup>4</sup> Imports and exports include flour and products in wheat equivalent.

Economic Research Service.

Table 7.—Wheat: Area, yield, and production, by States, 1982-84

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	850	600	480	725	460	380	32.0	33.0	39.0	23,200	15,180	14,820
Ariz.....	145	135	145	143	119	142	86.8	93.2	90.0	12,407	11,094	12,780
Ark.....	2,000	1,700	1,500	1,900	1,500	1,400	38.0	39.0	44.0	72,200	58,500	61,600
Calif.....	1,150	810	870	1,075	680	784	71.8	68.5	78.9	77,175	46,560	61,840
Colo.....	3,350	3,865	3,875	2,958	3,063	3,270	28.7	39.9	35.3	84,984	112,103	115,300
Del.....	59	55	50	58	54	49	40.0	39.0	41.0	2,320	2,106	2,009
Ga.....	1,470	1,060	1,000	1,370	910	890	33.0	34.0	35.0	45,210	30,940	31,150
Idaho.....	1,600	1,500	1,550	1,510	1,305	1,280	62.8	70.3	63.6	94,770	91,710	81,400
Ill.....	1,600	1,550	1,800	1,500	1,400	1,600	45.0	46.0	44.0	67,500	64,400	70,400
Ind.....	1,150	1,100	1,170	1,030	970	1,050	42.0	51.0	46.0	43,260	49,470	48,300
Iowa.....	115	75	110	110	50	100	30.0	38.0	35.0	3,000	1,900	3,500
Kans.....	14,100	13,200	13,300	13,100	10,800	11,200	35.0	41.5	38.5	458,500	448,200	431,200
Ky.....	750	740	670	620	520	500	38.0	31.0	38.0	23,560	16,120	19,000
La.....	550	430	400	500	250	320	38.0	30.0	41.0	19,000	7,500	13,120
Md.....	145	145	147	136	131	140	42.0	41.0	43.0	5,712	5,371	6,020
Mich.....	650	830	900	560	730	800	41.0	49.0	57.0	22,960	35,770	45,600
Minn.....	3,240	2,340	2,635	3,184	2,140	2,553	39.8	36.9	47.3	126,809	78,960	120,711
Miss.....	1,100	720	770	950	600	660	38.0	34.0	38.0	36,100	20,400	25,080
Mo.....	2,500	2,200	2,350	2,200	1,850	2,050	34.0	38.0	41.0	74,800	70,300	84,050
Mont.....	5,750	4,810	5,015	5,360	4,455	4,640	33.6	30.7	22.6	180,320	136,930	104,655
Nebr.....	3,050	2,800	3,200	2,900	2,300	2,250	35.0	43.0	36.0	101,500	98,900	81,000
Nev.....	32	21	27	29	18	24	65.2	70.0	76.7	1,890	1,260	1,840
N.J.....	60	55	48	45	38	39	40.0	40.0	43.0	1,800	1,520	1,677
N. Mex.....	730	750	730	510	470	460	25.0	29.0	26.0	12,750	13,630	11,960
N.Y.....	145	175	180	125	160	170	43.5	46.0	46.0	5,438	7,360	7,820
N.C.....	700	600	700	650	470	620	36.0	34.0	43.0	23,400	15,980	26,660
N. Dak.....	10,525	7,370	8,820	10,300	7,205	8,660	31.5	26.9	32.8	324,835	194,130	284,190
Ohio.....	1,430	1,300	1,240	1,200	1,200	1,100	43.0	49.0	44.0	51,600	58,800	48,400
Okla.....	8,000	7,800	7,700	6,900	4,300	5,300	33.0	35.0	36.0	227,700	150,500	190,800
Oreg.....	1,260	1,170	1,200	1,200	1,085	1,115	52.9	60.4	61.8	63,500	65,570	68,945
Pa.....	235	210	230	228	200	220	36.0	38.0	38.0	8,208	7,600	8,360
S.C.....	580	440	400	550	375	380	36.0	28.0	38.0	19,800	10,500	14,440
S. Dak.....	3,900	3,080	3,995	3,595	2,727	3,662	27.4	32.9	34.4	98,530	89,729	126,038
Tenn.....	980	820	670	830	600	535	36.0	33.0	40.0	29,880	19,800	21,400
Tex.....	8,200	7,750	7,400	6,000	4,600	5,000	24.0	35.0	30.0	144,000	161,000	150,000
Utah.....	275	250	269	266	217	231	34.9	37.0	35.5	9,273	8,027	8,199
Va.....	400	410	320	350	340	275	38.0	42.0	45.0	13,300	14,280	12,375
Wash.....	2,990	3,050	2,820	2,840	2,690	2,610	48.9	64.2	61.4	138,880	172,570	160,350
W. Va.....	11	11	12	9	9	10	35.0	42.0	40.0	315	378	400
Wis.....	130	148	190	122	128	177	45.9	45.4	56.6	5,596	5,812	10,018
Wyo.....	325	344	325	309	271	282	29.1	33.1	28.6	8,985	8,964	8,072
U.S.....	86,232	76,419	79,213	77,937	61,390	66,928	35.5	39.4	38.8	2,764,967	2,419,824	2,595,479

<sup>1</sup> Includes area seeded in preceding fall for winter wheat.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 8.—Wheat, by kinds: Area, yield, and production, by States, 1982–84

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
Winter wheat												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-les	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	850	600	480	725	460	380	32.0	33.0	39.0	23,200	15,180	14,820
Ariz.....	65	70	63	64	64	62	84.0	96.0	90.0	5,375	6,144	5,580
Calif.....	2,000	1,700	1,500	1,900	1,500	1,400	38.0	39.0	44.0	72,200	58,500	61,600
Calif.....	1,020	730	770	950	610	690	69.0	66.0	76.0	65,550	40,260	52,440
Colo.....	3,300	3,800	3,800	2,910	3,000	3,200	28.0	29.0	34.5	81,480	117,000	110,400
Del.....	59	55	50	58	54	49	40.0	39.0	41.0	2,320	2,106	2,009
Ga.....	1,470	1,060	1,000	1,370	910	890	33.0	34.0	35.0	45,210	30,940	31,150
Idaho.....	1,000	1,000	1,150	930	830	900	57.0	67.0	63.0	53,010	56,610	56,700
Ill.....	1,600	1,550	1,800	1,500	1,400	1,600	45.0	46.0	44.0	67,500	64,400	70,400
Ind.....	1,150	1,100	1,170	1,030	970	1,050	42.0	51.0	46.0	43,260	49,470	48,300
Iowa.....	115	75	110	100	50	100	30.0	38.0	35.0	3,000	1,900	3,500
Kans.....	14,100	13,200	13,300	13,100	10,800	11,200	35.0	41.5	38.5	458,500	448,200	431,200
Ky.....	750	740	670	620	520	500	38.0	31.0	38.0	23,560	16,120	19,000
La.....	550	430	400	500	250	320	38.0	30.0	41.0	19,000	7,500	13,120
Md.....	145	145	147	136	131	140	42.0	41.0	43.0	5,712	5,371	6,020
Mich.....	650	830	900	560	730	800	41.0	49.0	57.0	22,960	35,770	45,600
Minn.....	90	100	400	86	75	360	34.5	35.0	43.0	2,967	2,625	15,480
Miss.....	1,100	720	770	950	600	660	38.0	34.0	38.0	36,100	20,400	25,080
Mo.....	2,500	2,200	2,350	2,200	1,850	2,050	34.0	38.0	41.0	74,800	70,300	84,050
Mont.....	2,450	2,550	2,700	2,120	2,260	2,480	38.0	35.0	27.0	80,560	79,100	66,960
Nebr.....	3,050	2,800	3,200	2,900	2,300	2,250	35.0	43.0	36.0	101,500	98,900	81,000
Nev.....	16	9	9	15	8	8	70.0	70.0	80.0	1,050	560	640
N.J.....	60	55	48	45	38	39	40.0	40.0	43.0	1,800	1,520	1,677
N. Mex.....	730	750	730	510	470	460	25.0	29.0	26.0	12,750	13,630	11,960
N.Y.....	145	175	180	125	160	170	43.5	46.0	46.0	5,438	7,360	7,820
N.C.....	700	600	700	650	470	620	36.0	34.0	43.0	22,400	15,980	26,660
N. Dak.....	175	180	620	140	155	550	34.0	31.0	40.0	4,760	4,805	22,000
Ohio.....	1,430	1,300	1,240	1,200	1,200	1,100	43.0	49.0	44.0	51,600	58,800	48,400
Okl.....	8,000	7,800	7,700	6,900	4,300	5,300	33.0	35.0	36.0	227,700	150,500	190,800
Oreg.....	1,150	1,080	1,130	1,100	1,000	1,050	54.0	62.0	63.0	59,400	62,000	66,150
Pa.....	235	210	230	228	200	220	36.0	38.0	38.0	8,208	7,600	8,360
S.C.....	580	440	400	550	375	380	36.0	28.0	38.0	19,800	10,500	14,440
S. Dak.....	1,350	1,550	2,000	1,100	1,250	1,700	33.0	41.0	36.0	36,300	51,250	61,200
Tenn.....	980	820	670	830	600	535	36.0	33.0	40.0	29,880	19,800	21,400
Tex.....	8,200	7,750	7,400	6,000	4,600	5,000	24.0	35.0	30.0	144,000	161,000	150,000
Utah.....	240	220	230	233	190	195	33.0	35.0	33.0	7,689	6,650	6,435
Va.....	400	410	320	350	340	275	38.0	42.0	45.0	13,300	14,280	12,375
Wash.....	2,700	2,850	2,600	2,560	2,500	2,400	49.0	65.0	62.0	125,440	162,500	148,800
W. Va.....	11	11	12	9	9	10	35.0	42.0	40.0	315	378	400
Wis.....	100	120	170	94	105	160	50.0	49.0	59.0	4,700	5,145	9,440
Wyo.....	300	320	300	285	250	260	29.0	33.0	28.0	8,265	8,250	7,280
U.S.....	65,516	62,105	63,419	57,633	47,584	51,513	36.0	41.8	40.0	2,073,560	1,988,304	2,060,646
Durum wheat <sup>3</sup>												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-les	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ariz.....	80	65	82	79	55	80	89.0	90.0	90.0	7,031	4,950	7,200
Calif.....	130	80	100	125	70	94	93.0	90.0	100.0	11,625	6,300	9,400
Minn.....	80	40	35	78	35	33	39.0	35.0	47.0	3,042	1,225	1,551
Mont.....	350	210	215	340	205	210	29.0	20.0	17.0	9,860	4,100	3,570
N. Dak.....	3,500	2,090	2,750	3,410	2,050	2,710	32.5	26.5	29.0	110,825	54,325	75,590
S. Dak.....	150	80	95	145	77	92	24.0	27.0	34.0	3,480	2,079	3,128
U.S.....	4,290	2,565	3,277	4,177	2,492	3,219	34.9	29.3	32.1	145,863	72,979	103,439

See footnotes at end of table.

Table 8.—Wheat, by kinds: Area, yield, and production, by States, 1982–84—Continued

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
Other spring wheat												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
Colo.....	50	65	75	48	63	70	73.0	81.0	70.0	3,504	5,103	4,900
Idaho.....	600	500	400	580	475	380	72.0	76.0	65.0	41,760	36,100	24,700
Minn.....	3,070	2,200	2,200	3,020	2,030	2,160	40.0	37.0	48.0	120,800	75,110	103,680
Mont.....	2,950	2,050	2,100	2,900	1,990	1,950	31.0	27.0	17.5	89,900	53,730	34,125
Nev.....	16	12	18	14	10	16	60.0	70.0	75.0	840	700	1,200
N. Dak.....	6,850	5,100	5,450	6,750	5,000	5,400	31.0	27.0	34.0	209,250	135,000	183,600
Oreg.....	110	90	70	100	85	65	41.0	42.0	43.0	4,100	3,570	2,795
S. Dak.....	2,400	1,450	1,900	2,350	1,400	1,870	25.0	26.0	33.0	58,750	36,400	61,710
Utah.....	35	30	39	33	27	36	48.0	51.0	49.0	1,584	1,377	1,764
Wash.....	290	200	220	280	190	210	48.0	53.0	55.0	13,440	10,070	11,550
Wis.....	30	28	20	28	23	17	32.0	29.0	34.0	896	667	578
Wyo.....	25	24	25	24	21	22	30.0	34.0	36.0	720	714	792
U.S.....	16,426	11,749	12,517	16,127	11,314	12,196	33.8	31.7	35.4	545,544	358,541	431,394

<sup>1</sup> Area seeded in preceding fall for winter wheat.<sup>2</sup> Preliminary.<sup>3</sup> Small additional quantities of durum wheat are grown in other than the States shown here but are included with "Other spring wheat."

Statistical Reporting Service.

Table 9.—Wheat: Price-support operations, United States, 1970–85

Year beginning June <sup>1</sup>	Support price				Put under support <sup>4</sup>		Acquired by CCC under support program <sup>5</sup>	Owned by CCC June 30 <sup>1</sup>
	Per bushel		Percentage of parity <sup>2</sup>		Quantity	Percentage of production		
	Loan	Target	Loan	Target				
	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>				
1970.....	1.25		44		254	18.5	11	<sup>6</sup> 364
1971.....	1.25		43		438	27.1	13	<sup>6</sup> 358
1972.....	1.25		41		143	9.3		<sup>6</sup> 6
1973.....	1.25		37		60	3.5		<sup>6</sup> 6
1974.....	1.37	2.05	35	53	36	2.0		
1975.....	1.37	2.05	30	45	48	2.2		
1976.....	2.25	2.29	46	47	499	23.3	48	<sup>6</sup> 58
1977.....	2.25	<sup>3</sup> 2.00	44	57	591	29.0	2	<sup>6</sup> 48
1978.....	2.35	3.40	45	65	256	14.2		50
1979.....	2.50	3.40	48	65	182	8.5	<sup>7</sup> 157	<sup>8</sup> 200
1980.....	<sup>3</sup> 3.00	<sup>3</sup> 3.63	46	56	331	14.0		<sup>8</sup> 196
1981.....	<sup>3</sup> 3.20	3.81	45	54	452	16.1	13	<sup>8</sup> 187
1982.....	<sup>3</sup> 3.55	4.05	49	56	646	23.0	<sup>9</sup> <sup>10</sup> 148	<sup>8</sup> 192
1983.....	3.65	4.30	49	58	635	<sup>10</sup> 26.2	<sup>9</sup> <sup>10</sup> 220	<sup>8</sup> <sup>9</sup> 188
1984.....	3.30	4.38	44	58	<sup>9</sup> 300	<sup>9</sup> 11.6	<sup>9</sup> 110	<sup>9</sup> 415
1985.....	3.30	4.38	<sup>9</sup> 47	<sup>9</sup> 63				

<sup>1</sup> Marketing year for 1970 thru 1975 began July 1 and ended June 30. Beginning June 1, 1976 (1975 crop) marketing year begins June 1 and ends May 31.<sup>2</sup> Percentage of parity price at beginning of marketing year.<sup>3</sup> Reservice loan levels: 1980—\$3.30; 1981—\$3.50; 1982—\$4.00. Reservice loans for other years beginning with 1976 crop same as shown in table.<sup>4</sup> Target Prices: 1977—\$2.47 on under-planted allotment acreage; 1980—\$3.08 available to producers on farms where plantings exceeded the NCA.<sup>5</sup> Represents loans made, purchases, and agreements entered into.<sup>6</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) only from crop harvested in the year indicated.<sup>7</sup> Uncommitted CCC inventory.<sup>8</sup> Acquired through direct purchases by CCC for future Food Security Reserves.<sup>9</sup> Total CCC inventory including 147 million bushels in Food Security Reserves.<sup>10</sup> Preliminary.<sup>11</sup> Includes acquisitions for payment-in-kind (PIK) program entitlements.

Agricultural Stabilization and Conservation Service.



Table 10.—Wheat: Season average price and value, by States, crop of 1982, 1983, and 1984

State	Season average price per bushel <sup>1</sup>			Value of production <sup>1</sup>		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.....	3.00	3.25	3.25	69,600	49,335	48,165
Ariz.....	3.60	4.01	4.13	44,674	44,477	52,722
Ark.....	3.23	3.31	3.30	233,206	193,635	203,280
Calif.....	3.76	4.04	3.65	290,062	187,916	225,914
Colo.....	3.47	3.28	3.15	294,605	399,940	363,685
Del.....	3.00	3.41	3.30	6,960	7,181	6,630
Ga.....	3.05	3.24	3.20	137,891	100,246	99,680
Idaho.....	3.77	3.46	3.25	357,010	317,765	264,915
Ill.....	3.11	3.36	3.25	209,925	216,384	228,800
Ind.....	3.14	3.33	3.25	135,836	164,735	156,975
Iowa.....	3.31	3.40	3.25	9,930	6,460	11,375
Kans.....	3.56	3.46	3.35	1,632,260	1,550,772	1,444,520
Ky.....	3.19	3.35	3.30	75,156	54,002	62,700
La.....	3.20	3.60	3.50	60,800	27,000	45,920
Md.....	3.10	3.46	3.35	17,707	18,584	20,167
Mich.....	3.33	3.40	3.20	76,457	121,618	145,920
Minn.....	3.75	3.82	3.44	475,451	301,413	415,448
Miss.....	3.00	3.60	3.40	108,300	73,440	85,272
Mo.....	2.99	3.39	3.25	223,652	238,317	273,163
Mont.....	3.65	3.67	3.49	657,774	503,088	365,072
Nebr.....	3.45	3.39	3.30	350,175	335,271	287,300
Nev.....	3.53	3.54	3.00	6,672	4,459	5,520
N.J.....	3.11	3.36	3.40	5,598	5,107	5,702
N. Mex.....	3.62	3.48	3.35	46,155	47,432	40,066
N.Y.....	3.33	3.32	3.25	18,109	24,435	25,415
N.C.....	3.02	3.07	3.35	70,668	49,059	89,311
N. Dak.....	3.69	3.76	3.51	1,199,074	730,541	997,433
Ohio.....	3.16	3.38	3.30	163,056	198,744	159,720
Okla.....	3.65	3.51	3.35	831,105	528,255	639,180
Oreg.....	4.02	3.69	3.40	255,270	241,953	234,413
Pa.....	3.25	3.65	3.60	26,676	27,740	30,096
S.C.....	2.92	3.25	3.30	57,816	34,125	47,652
S. Dak.....	3.69	3.67	3.36	363,660	329,042	423,555
Tenn.....	3.02	3.31	3.35	90,238	65,538	71,690
Tex.....	3.68	3.55	3.35	529,920	571,550	502,500
Utah.....	3.36	3.34	3.36	31,130	26,829	27,586
Va.....	3.06	3.40	3.40	40,698	48,552	42,075
Wash.....	4.04	3.69	3.40	561,076	636,783	545,190
W. Va.....	3.35	3.45	3.35	1,055	1,304	1,340
Wis.....	3.15	3.50	3.25	17,627	20,343	32,559
Wyo.....	3.34	3.28	3.30	29,981	29,420	26,677
U.S.....	3.55	3.53	3.37	9,813,015	8,532,790	8,735,303

<sup>1</sup> Includes allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate, by States.

<sup>2</sup> Preliminary.

Statistical Reporting Service.



Table 11.—Wheat: Area, yield, and production in specified countries, 1982/83–1984/85<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North &amp; Central America:</b>									
Canada.....	12,554	13,697	13,158	2.13	1.94	1.61	26,735	26,588	21,199
Guatemala.....	42	36	36	.98	1.47	.83	41	53	30
Mexico.....	950	840	950	4.42	3.81	4.42	4,200	3,200	4,200
United States.....	31,540	24,844	27,085	2.39	2.65	2.61	75,289	65,857	70,637
<b>Total.....</b>	<b>45,086</b>	<b>39,417</b>	<b>41,229</b>	<b>2.36</b>	<b>2.43</b>	<b>2.33</b>	<b>106,226</b>	<b>95,698</b>	<b>96,066</b>
<b>South America:</b>									
Argentina.....	7,320	6,880	5,885	2.05	1.79	2.24	15,000	12,300	13,200
Bolivia.....	96	71	89	.69	.56	.78	66	40	69
Brazil.....	2,828	1,900	1,900	.65	1.10	1.00	1,849	2,100	1,900
Chile.....	359	471	580	1.63	1.81	1.81	586	850	1,050
Colombia.....	45	46	42	1.64	1.70	1.88	74	78	79
Ecuador.....	21	22	20	1.05	1.05	1.05	22	23	21
Paraguay.....	70	75	80	1.00	1.43	1.74	70	107	139
Peru.....	84	82	83	1.19	.93	.96	100	76	80
Uruguay.....	295	253	226	1.42	1.66	1.51	420	419	342
Venezuela.....	1	1	1	1.00	1.00	1.00	1	1	1
<b>Total.....</b>	<b>11,119</b>	<b>9,801</b>	<b>8,906</b>	<b>1.64</b>	<b>1.63</b>	<b>1.90</b>	<b>18,188</b>	<b>15,944</b>	<b>16,881</b>
<b>Europe:</b>									
Belgium-Luxembourg.....	183	203	193	5.81	5.23	6.69	1,063	1,062	1,292
Denmark.....	180	243	334	6.71	6.37	7.32	1,207	1,548	2,446
France.....	4,845	4,826	5,100	5.24	5.14	6.53	25,368	24,788	33,325
Germany, Fed. Rep. of.....	1,578	1,655	1,634	5.47	5.44	6.26	8,632	8,998	10,233
Greece.....	1,033	1,002	924	2.89	2.04	2.57	2,983	2,043	2,370
Ireland.....	57	59	78	6.67	5.59	7.31	380	330	570
Italy.....	3,326	3,328	3,280	2.68	2.56	3.05	8,903	8,514	10,005
Netherlands.....	131	148	143	7.38	7.05	7.91	967	1,043	1,131
United Kingdom.....	1,664	1,690	1,965	6.20	6.39	7.53	10,315	10,802	14,800
<b>Total EC.....</b>	<b>12,997</b>	<b>13,154</b>	<b>13,651</b>	<b>4.60</b>	<b>4.50</b>	<b>5.58</b>	<b>59,818</b>	<b>59,128</b>	<b>76,162</b>
Austria.....	289	313	315	4.28	4.53	4.77	1,237	1,417	1,501
Finland.....	143	160	154	3.04	3.44	3.10	435	550	478
Malta.....	1	1	1	3.00	3.00	3.00	3	3	3
Norway.....	17	23	30	4.41	4.22	4.83	75	97	145
Portugal.....	366	331	280	1.16	.99	1.79	426	327	500
Spain.....	2,662	2,603	2,267	1.66	1.64	2.56	4,410	4,268	5,800
Sweden.....	283	336	310	5.26	5.12	5.65	1,490	1,722	1,753
Switzerland.....	83	84	89	4.94	4.88	6.15	410	410	547
<b>Total Western Europe..</b>	<b>16,841</b>	<b>17,005</b>	<b>17,097</b>	<b>4.06</b>	<b>3.99</b>	<b>5.08</b>	<b>68,304</b>	<b>67,922</b>	<b>86,889</b>
Albania.....	195	189	190	2.69	3.09	3.16	524	583	600
Bulgaria.....	1,059	1,128	950	4.64	3.19	4.79	4,913	3,600	4,840
Czechoslovakia.....	1,073	1,192	1,201	4.30	4.88	5.14	4,606	5,820	6,170
German Dem. Rep.....	591	754	787	4.64	4.71	5.16	2,740	3,550	4,059
Hungary.....	1,310	1,355	1,300	4.40	4.42	5.62	5,762	5,985	7,300
Poland.....	1,456	1,537	1,707	3.07	3.36	3.52	4,476	5,165	6,000
Romania.....	2,151	2,232	2,050	3.00	2.33	2.76	6,455	5,210	5,650
Yugoslavia.....	1,558	1,609	1,458	3.35	3.43	3.85	5,218	5,524	5,606
<b>Total Eastern Europe...</b>	<b>9,393</b>	<b>9,996</b>	<b>9,643</b>	<b>3.69</b>	<b>3.55</b>	<b>4.17</b>	<b>34,694</b>	<b>35,437</b>	<b>40,225</b>
<b>Total Europe.....</b>	<b>26,234</b>	<b>27,001</b>	<b>26,740</b>	<b>3.93</b>	<b>3.85</b>	<b>4.75</b>	<b>102,998</b>	<b>103,859</b>	<b>127,114</b>
<b>Soviet Union (Europe and Asia).....</b>	<b>57,278</b>	<b>50,860</b>	<b>51,100</b>	<b>1.50</b>	<b>1.56</b>	<b>1.43</b>	<b>86,000</b>	<b>79,000</b>	<b>73,000</b>
<b>Africa:</b>									
Algeria.....	1,637	1,400	1,857	.60	.57	.65	977	794	1,200
Angola.....	16	16	16	.62	.37	.37	10	6	6
Egypt.....	576	570	491	3.50	3.50	3.70	2,017	1,996	1,815
Ethiopia.....	594	670	625	1.52	1.41	1.12	905	900	700
Kenya.....	145	640	136	1.55	1.46	.66	225	205	90
Lesotho.....	24	25	25	.58	.64	.80	14	16	20
Libya.....	303	280	300	.53	.43	.42	160	120	125
Morocco.....	1,686	1,976	1,856	1.30	1.00	1.07	2,183	1,971	1,989
Mozambique.....	3	3	3	1.00	.67	1.00	3	2	3
Nigeria.....	12	14	16	2.50	2.50	2.63	30	35	42
South Africa.....	1,974	1,809	1,919	1.23	1.00	1.17	2,420	1,809	2,243
Sudan.....	99	134	40	1.42	1.21	1.30	141	162	52

See footnotes at end of table.

Table 11.—Wheat: Area, yield, and production in specified countries, 1982/83-1984/85<sup>1</sup>—Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Africa—Continued .....									
Tanzania .....	60	60	60	1.43	1.17	1.33	86	70	80
Tunisia .....	714	931	900	1.28	.66	.79	916	618	711
Zambia .....	3	3	3	3.67	4.00	4.67	11	12	14
Zaire .....	5	5	5	1.00	1.00	1.00	5	5	5
Zimbabwe .....	37	23	20	5.76	5.39	3.40	213	124	68
Total .....	7,888	8,029	8,272	1.31	1.10	1.11	10,316	8,845	9,163
Asia:									
Afghanistan .....	2,585	2,600	2,600	1.16	1.15	1.15	3,008	3,000	3,000
Bangladesh .....	519	530	650	2.11	2.28	2.00	1,095	1,210	1,300
Bhutan .....	65	65	65	1.00	1.00	1.00	65	65	65
Burma .....	95	95	95	1.24	1.24	1.24	118	118	118
China .....	27,940	29,050	29,350	2.45	2.80	2.99	68,420	81,390	87,680
Taiwan .....	1	1	1	2.00	2.00	2.00	2	2	2
Cyprus .....	14	14	14	1.36	1.29	1.36	19	18	19
India .....	22,144	23,567	24,395	1.69	1.82	1.85	37,452	42,794	45,148
Iran .....	6,000	5,800	6,000	.92	.91	.87	5,500	5,300	5,200
Iraq .....	1,168	1,191	500	.83	.71	.50	965	841	250
Israel .....	90	90	72	1.63	3.72	1.67	147	335	120
Japan .....	228	229	232	3.25	3.04	3.19	742	695	741
Jordan .....	102	100	40	.51	1.31	.37	52	131	15
Korea, Dem. Peo. Rep. of ..	165	165	165	2.33	2.42	2.12	385	400	350
Korea, Rep. of .....	20	26	6	3.30	4.31	2.83	66	112	17
Lebanon .....	20	5	5	.75	3.00	3.00	15	15	15
Nepal .....	482	400	400	1.37	1.56	1.56	660	626	626
Mongolia .....	410	410	410	.71	.73	.73	290	300	300
Pakistan .....	7,233	7,398	7,326	1.57	1.68	1.49	11,304	12,414	10,936
Saudi Arabia .....	110	150	470	3.27	4.73	2.77	360	710	1,300
Syria .....	1,222	1,290	1,090	1.27	1.25	.98	1,556	1,612	1,068
Turkey .....	8,600	8,700	8,600	1.60	1.53	1.55	13,800	13,300	13,300
Yemen (Sana) .....	66	66	66	1.02	.41	.38	67	27	25
Yemen, PDR (Aden) .....	10	10	10	1.50	1.50	1.50	15	15	15
Total .....	79,279	81,952	82,562	1.84	2.02	2.08	146,103	165,430	171,610
Oceania:									
Australia .....	11,520	12,931	12,215	.77	1.68	1.52	8,876	21,764	18,583
New Zealand .....	74	63	67	4.38	4.89	4.48	324	308	300
Total .....	11,594	12,994	12,282				9,200	22,072	18,883
World total .....	238,478	229,994	231,091	2.01	2.13	2.22	479,031	490,898	512,717

<sup>1</sup> Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1982 is combined with estimates for the Southern Hemisphere Harvests, which begin late in 1982 and end early in 1983.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 12.—Wheat and flour: United States imports, 1970-83

Year beginning June	Wheat		Flour (wheat equivalent) <sup>2</sup>	Other products (wheat equivalent) <sup>3</sup>	Total wheat, flour, and other products
	Suitable for milling <sup>1</sup>	Unfit for human consumption			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1970.....	397	265	90	723	1,475
1971.....	101	82	89	781	1,053
1972.....	29	52	90	1,131	1,302
1973.....	1,262	70	178	1,113	2,623
1974.....	1,734	109	387	1,134	3,364
1975.....	631	344	92	1,307	2,374
1976.....	1,298	20	32	1,381	2,731
1977.....	424	2	20	1,475	1,921
1978.....	18	15	45	1,772	1,850
1979.....	155	50	62	1,869	2,136
1980.....	128	58	200	2,148	2,534
1981.....	59	14	357	2,423	2,853
1982.....	3,901	35	624	3,036	7,596
1983.....	67	11	336	3,426	3,840

<sup>1</sup> Imports of wheat of milling quality have been limited to a quota of 800,000 bushels per year since May 29, 1941, of which 795,000 bushels may come from Canada. Quantities in excess of the 800,000-bushel quota represent quota-free imports of seed wheat authorized by Presidential Proclamation 2550, April 16, 1942. During the war years 1943-44 and 1944-45 this import restriction was waived. As of Jan. 26, 1974, import quotas for wheat and milled wheat products were suspended. <sup>2</sup> Imports of flour have been limited to a quota of 4,000,000 pounds per year since May 29, 1941, of which 3,815,000 pounds may come from Canada (total quota is 93,200 bushels, wheat equivalent). Flour for special experimental purposes may be imported ex-quota. Excludes flour "free for export." <sup>3</sup> Includes macaroni, semolina, and similar products. <sup>4</sup> Less than 500 bushels.

Economic Research Service.

Table 13.—Wheat and flour: United States exports under specified Government programs, 1970-83

Year <sup>1</sup>	Public Law 480					Mutual security (AID) <sup>7</sup>	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency <sup>2</sup>	Long-term dollar and convertible foreign currency credit sales <sup>3</sup>	Government-to-government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>	Barter for strategic materials <sup>6</sup>		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1970.....	46,970	143,267	30,477	11,381	.....	966	233,061
1971.....	22,686	153,382	37,858	13,006	.....	754	227,686
1972.....	.....	90,576	35,954	12,603	.....	*-86	139,047
1973.....	.....	26,355	10,891	8,502	.....	11,074	56,822
1974.....	.....	102,269	6,705	7,873	.....	.....	116,847
1975.....	.....	105,861	2,734	7,046	.....	8,348	123,989
( <sup>9</sup> ).....	.....	(44,350)	(2,752)	(1,526)	.....	(6,481)	(55,109)
1976.....	.....	133,504	8,887	17,842	.....	15,836	158,277
1977.....	.....	119,225	6,313	11,487	.....	12,520	149,545
1978.....	.....	126,819	5,968	9,808	.....	243	142,838
1979.....	.....	107,288	8,724	7,064	.....	2,147	125,218
1980.....	.....	101,052	9,659	7,158	.....	153	118,022
1981.....	.....	110,046	14,312	8,614	.....	.....	132,972
1982.....	.....	113,322	22,081	8,724	.....	6,805	150,932
1983.....	.....	119,838	6,000	4,915	.....	.....	130,753

<sup>1</sup> Year beginning July 1 for 1970-75 and Oct. 1 beginning 1976. <sup>2</sup> Authorized by Title I, P.L. 480. <sup>3</sup> Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480 amended by P.L. 89-808. <sup>4</sup> Authorized by Title II, P.L. 480. <sup>5</sup> Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966. Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967. <sup>6</sup> Authorized by Sec. 303, Title III, P.L. 480, and other legislation. <sup>7</sup> Foreign Assistance Act of 1961, as amended. <sup>8</sup> Negative quantity due to adjustments for prior periods. <sup>9</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

Economic Research Service.

Table 14.—Wheat and flour: <sup>1</sup> International trade, 1982-84

Country	Year beginning July					
	1982		1983		1984 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Principal exporters:						
Canada.....	21,368		21,760	0	17,200	
United States <sup>3</sup> .....	39,939	190	38,860	112	39,460	150
Argentina.....	7,501		9,650	0	7,400	
Australia.....	8,131		11,600	0	15,300	
Bulgaria.....	1,000		0	100	500	
France.....	13,525	981	12,470	466	16,800	370
Romania.....	300	100	200	250	700	100
Spain.....	648	126	50	190	280	600
Sweden.....	709	35	803	46	910	35
Turkey.....	573	50	600	350	200	850
Greece.....	1,053		872	33	1,160	266
Hungary.....	1,000		1,300	0	2,300	
Total <sup>4</sup> .....	95,747	1,482	98,165	1,547	102,210	2,371
Principal importers:						
Cuba.....		1,100	0	1,300	0	1,300
Brazil.....		3,600	0	3,948	0	5,400
Peru.....		1,006		970		980
Belgium and Luxembourg.....		1,022	798	1,483	895	1,330
Germany, Fed. Rep. of.....	1,314	1,781	2,368	1,622	1,900	1,600
Netherlands.....	791	1,548	920	1,561	950	1,600
United Kingdom.....	2,216	1,360	1,100	1,850	1,800	850
Yugoslavia.....		216	360	233	200	300
Egypt.....		5,350	0	6,360	0	6,800
South Africa.....	155	25	80	150	50	400
India.....	100	3,700	35	2,500	750	120
Indonesia.....		1,485	0	1,572	0	1,400
Israel.....		625	0	500	0	3,300
Japan.....	254	5,795	348	5,857	370	5,700
Korea, Rep. of.....		1,880		2,351		2,650
Malaysia.....	14	541	16	602	15	600
Pakistan.....	53	580	219	366	50	900
Philippines.....		925		693	10	820
Italy.....	1,877	2,486	1,450	3,100	1,700	3,100
Soviet Union.....	500	20,200	500	20,500	1,000	2,600
Algeria.....		2,548	0	2,840	0	2,800
Morocco.....		1,331	4	2,128	0	2,050
Syria.....		430	0	935	0	1,400
Tunisia.....	6	695	0	1,035	0	950
Poland.....		3,270	0	2,155	0	2,100
China.....		13,000	0	9,600	0	8,300
Taiwan.....		737	0	655	0	790
Portugal.....		530	0	753	0	600
Saudi Arabia.....		700	0	336	0	300
Sri Lanka.....		475	0	648	0	650
Venezuela.....		826	0	925	0	975
Vietnam.....		600	0	600	0	600
Germany, Dem. Rep. of.....	70	735	95	800	90	800
Total <sup>4</sup> .....	7,940	81,104	8,293	80,928	9,780	87,465

<sup>1</sup> Flour reported in terms of grain equivalent.<sup>2</sup> Preliminary.<sup>3</sup> United States exports exclude exports of flour milled in bond from imported wheat.<sup>4</sup> Total for indicated countries only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.



Table 15.—Wheat and Flour:<sup>1</sup> United States exports (domestic) by country of destination, 1982 and 1983

Country of destination	Year <sup>2</sup>		Country of destination	Year <sup>2</sup>	
	1982	1983		1982	1983
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Wheat:			Wheat flour, wholly of U.S. wheat:		
Mexico.....	5,005	21,000	Central America.....	7,696	6,669
Central America.....	479,631	559,578	Jamaica.....	16,701	36,653
Caribbean.....	541,265	544,520	Trinidad and Tobago.....	665	74
Brazil.....	2,186,152	2,327,072	Other Caribbean.....	13,108	6,352
Chile.....	996,873	1,025,485	Bolivia.....	11,369	17,960
Colombia.....	557,399	526,026	Brazil.....	0	
Ecuador.....	310,092	377,239	Chile.....	2,927	318
Peru.....	744,074	600,211	Colombia.....	408	844
Venezuela.....	819,129	893,072	Guyana.....	154	40
Other Americas.....	162,719	116,009	Other Americas.....	24,087	29,149
Total Americas.....	6,802,339	7,026,212	Total Americas.....	77,115	98,059
Belgium and Luxembourg.....	112,156	104,482	Greece.....	0	
France.....	88,809	60,498	Netherlands.....	1,352	1,011
Germany, Fed. Rep. of.....	64,796	9,459	Portugal.....	0	
Italy.....	431,341	370,788	Other Europe.....	45,903	54,861
Netherlands.....	350,351	452,225	Total Europe.....	47,255	55,872
Norway.....	17,923	49,281	Sri Lanka.....	7,724	8,864
Portugal.....	543,465	770,516	Japan.....	16	310
Spain.....	43,988	44	Jordan.....	548	3,026
Switzerland.....	41,288	27,952	Korea, Rep. of.....	39	7
United Kingdom.....	5,620	22,966	Lebanon.....	2,791	2,871
Other Europe.....	430,924	95,540	Philippines.....	11,439	8,973
Soviet Union.....	2,980,016	7,566,028	Saudi Arabia.....	96,599	169,923
Total Europe and Soviet Union.....	5,110,677	9,529,779	Other Asia.....	13,892	23,473
India.....	3,934,629	1,065,829	Total Asia.....	133,048	217,447
Iran.....	0		Egypt.....	1,622,624	933,328
Israel.....	412,389	505,415	Morocco.....	34,631	39,017
Japan.....	3,388,965	3,448,761	Other Africa.....	206,292	157,488
Korea, Rep. of.....	1,843,704	1,984,563	Total Africa.....	1,831,282	1,096,089
Lebanon.....	36,750	81,476	Oceania.....	3,108	3,763
Pakistan.....	280,321	173,881	World total.....	2,091,815	1,471,230
Philippines.....	962,605	738,075	Relief or charity <sup>3</sup> .....	165,390	203,002
Syria.....	51,147	18,426			
China.....	1,921,411	4,578,964			
Taiwan.....	608,954	627,203			
Turkey.....	0	739,839			
Other Asia.....	2,252,106	2,896,424			
Algeria.....	724,478	374,183			
Morocco.....	1,285,215	2,058,556			
South Africa.....	0	30,185			
Tunisia.....	375,607	555,100			
Other Africa.....	3,676,389	3,472,030			
Other countries.....	3,032,299	2,432,241			
World total.....	36,699,998	41,700,953			
Relief or charity <sup>3</sup> .....	139,958	167,621			

<sup>1</sup> Flour reported in terms of grain equivalent.<sup>2</sup> Year beginning Oct. 1.<sup>3</sup> Included in world total by country of destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 16.—Wheat and flour: Recorded exports of wheat and flour through the International Wheat Agreement, crop year 1983-84 <sup>1</sup>

Member country imports	Member country exports						
	United States	Canada	European Community	Australia	Argentina	Other	Grand total
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Austria.....			330			19	349
Barbados.....	14,800	2,593					17,397
Bolivia.....	237,831		14,392		73,121	5,088	330,432
Brazil.....	2,062,600	1,463,132			762,508		4,288,240
Costa Rica.....	99,225	430	3,443				103,098
Cuba.....		947,054	148,870		274,244	4,127	1,374,295
Dominican Republic.....	207,916	4					207,920
Ecuador.....	355,288						355,288
Egypt.....	2,767,470	537,221	2,071,668	1,703,735	49,900	32,150	7,162,144
El Salvador.....	136,499	2,246					138,745
European Community:	1,433,964	1,375,057		61	74,221	9,854	2,893,157
Belgium.....	64,200						64,200
Denmark.....						173	173
France.....	62,000	19,800					81,800
Germany, Fed. Rep. of.....	28,600	21,165				53	49,818
Italy.....	569,900	619,470			71,966		1,261,336
Netherlands.....	660,764	5,250			2,255	1	668,270
United Kingdom.....	48,500	708,928				29	757,457
Unspecified <sup>2</sup> .....						9,598	9,598
Greece.....		444		61			505
Finland.....	6,500		5			20	6,525
Guatemala.....	115,337		204				115,602
India.....	1,323,891	468,608	6,827		648,905	1,750	2,449,981
Iran.....		193,757	25,730	1,291,444	1,497,630	376,281	3,384,842
Iraq.....	1,170,500	606,688	264,765	859,146		2,144	2,903,243
Israel.....	404,343	17,991	758				423,092
Japan.....	3,441,333	1,419,040		1,043,126			5,903,499
Kenya.....	56,396		36,820	10,000			103,216
Korea, Rep. of.....	1,985,900	6,450	52,501	418,439			2,463,290
Lebanon.....	82,424	47	92,462		179,377	3,200	357,510
Libya.....	32,000	44,900	251,998		50,650	1,000	380,548
Malta.....	12,600		11,390				23,990
Mauritius.....	55,043	11,045	104,436			17,474	187,998
Morocco.....	1,889,423		403,843			10,993	2,304,259
Nigeria.....	1,548,100	65,628	24,924			4,783	1,643,435
Norway.....	49,200	82,230	19,243		53,250	70,885	274,808
Pakistan.....	240,038	22,214	60,300	25,000			347,552
Panama.....	80,894						80,894
Peru.....	578,021		18,205		330,271	4,500	930,997
Portugal.....	766,214	100	86				766,400
Saudi Arabia.....	142,709		67,440	72,139	11,050		293,338
South Africa.....	6,300		3,274	58,819			68,393
Spain.....			97,507		97,257	48	194,812
Sweden.....			961				961
Switzerland.....	17,000	43,827	248,185	19		33,495	342,526
Syria.....	1,596	69,500	258,234	24,550	78,750	4,348	436,978
Trinidad and Tobago.....	116,433	3,319					119,752
Tunisia.....	628,269	386	316,956		23,577		969,188
Turkey.....	518,400						518,400
United Kingdom Territories.....	2,793		23				2,793
United States.....							23
Soviet Union.....	4,357,300	5,681,383	4,097,494	1,534,675	3,605,519	215,552	19,491,933
Vatican City.....			238				238
Venezuela.....	936,400	40,872			2,750		980,022
Total.....	29,363,414	15,189,768	8,703,516	7,041,214	7,887,201	807,594	68,992,707

<sup>1</sup> Data in this table are limited to exports and imports of wheat and flour during July 1, 1982 through June 30, 1983 by countries which are members of the International Wheat Agreement (IWA); they exclude approximately 30 million metric tons of wheat and flour exported to or imported from countries which are not members of the IWA. Flour reported in terms of grain equivalent.

<sup>2</sup> Country of destination within EC not reported to International Wheat Council.

Foreign Agricultural Service Data from International Wheat Council Report for crop year 1982/83.



Table 17.—Rye: Area, yield, production, disposition, and value, United States, 1970-84

Year	Area		Yield per harvested acre	Production	Used on farms where produced for seed and fed to livestock	Sold	Season average price per bushel received by farmers <sup>2</sup>	Value of production <sup>2</sup>
	Planted <sup>1</sup>	Harvested						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1970.....	4,196	1,427	25.8	36,840	5,696	31,144	0.990	36,711
1971.....	4,842	1,751	28.1	49,223	6,497	42,726	.898	44,844
1972.....	3,458	1,050	26.9	28,256	4,216	24,040	.963	27,791
1973.....	3,380	955	25.8	24,677	4,672	20,005	1.91	46,532
1974.....	2,828	784	22.3	17,506	3,851	13,655	2.51	43,876
1975.....	2,791	728	21.9	15,924	3,641	12,283	2.36	37,406
1976.....	2,604	719	20.7	14,891	3,641	11,250	2.47	37,038
1977.....	2,555	677	24.4	16,543	3,758	12,785	2.06	34,539
1978.....	2,865	926	26.0	24,065	4,957	19,108	1.99	48,520
1979.....	2,839	850	25.7	21,887	4,521	17,868	2.07	46,086
1980.....	2,488	650	24.6	15,958	( <sup>3</sup> )	( <sup>3</sup> )	2.63	41,988
1981.....	2,566	685	26.6	18,187	( <sup>3</sup> )	( <sup>3</sup> )	3.00	55,004
1982.....	2,533	677	28.9	19,533	( <sup>3</sup> )	( <sup>3</sup> )	2.39	47,460
1983.....	2,707	896	30.3	27,116	( <sup>3</sup> )	( <sup>3</sup> )	2.17	60,074
1984 <sup>4</sup> .....	2,971	981	330	32,392	( <sup>3</sup> )	( <sup>3</sup> )	1.92	63,966

<sup>1</sup> Area planted in preceding fall.

<sup>2</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>3</sup> Estimates discontinued.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 18.—Rye: Supply and disappearance, United States 1970-84

Year beginning June	Supply				Disappearance								Ending stocks May 31
	Begin- ning stocks	Produc- tion	Imports	Total	Domestic use					Exports	Total disap- pearance		
					Food	Seed	Indus- try	Feed <sup>1</sup>	Total				
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
1970.....	21,880	36,840	1,047	59,767	5,430	6,873	3,522	11,407	27,232	3,204	30,436	29,331	
1971.....	29,331	49,223	241	78,795	5,195	5,262	3,005	16,276	29,738	2,177	31,915	46,880	
1972.....	46,880	28,256	154	75,290	5,122	4,969	3,038	16,810	29,939	6,535	36,474	38,816	
1973.....	38,816	24,677	1	63,494	6,250	4,214	2,547	8,795	21,806	27,513	49,319	14,175	
1974.....	14,175	17,506	277	31,958	5,459	4,438	1,386	7,588	18,871	6,465	25,336	6,622	
1975.....	6,622	15,924	944	23,490	4,172	4,140	2,060	7,598	17,970	1,117	19,087	4,403	
1976.....	4,403	14,891	248	19,542	3,696	4,114	1,930	5,350	15,090	38	15,128	4,414	
1977.....	4,414	16,543	127	21,084	3,648	4,584	1,875	6,984	17,091	24	17,115	3,969	
1978.....	3,969	24,065	145	28,179	3,690	4,644	2,383	8,130	18,847	359	19,206	8,973	
1979.....	8,973	22,389	7	31,369	3,523	4,034	2,116	7,082	16,755	2,422	19,177	12,192	
1980.....	12,192	16,483	10	28,685	3,515	4,150	2,050	7,331	17,046	7,494	24,540	4,145	
1981.....	4,145	18,822	432	23,399	3,458	4,160	2,242	8,915	18,775	1,529	20,304	3,000	
1982.....	3,000	19,500	3,000	25,500	3,300	4,400	2,300	9,600	19,600	200	19,800	5,800	
1983.....	5,800	27,100	600	33,500	3,500	4,800	2,100	11,800	22,200	1,000	23,200	10,300	
1984 <sup>2</sup> .....	10,300	32,400	600	43,300	3,500	4,500	2,000	14,000	24,000	400	24,400	19,300	

<sup>1</sup> Residual, approximates total feed use.

<sup>2</sup> Preliminary.

Economic Research Service.

Table 19.—Rye: Area, yield, and production, by States, 1982-84

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els
Colo.....	17	12	15	2	2	1	19.0	19.0	17.0	38	38	17
Del.....	32	30	29	4	4	4	34.0	34.0	31.0	136	136	124
Ga.....	450	400	430	70	70	80	21.0	21.0	22.0	1,470	1,470	1,760
Ill.....	55	65	85	13	12	11	23.0	28.0	28.0	299	336	308
Ind.....	40	35	50	10	10	12	26.0	27.0	28.0	260	270	336
Iowa.....	20	21	30	4	3	5	28.0	31.0	34.0	112	93	170
Kans.....	50	65	75	10	10	13	24.0	22.0	24.0	240	220	312
Ky.....	47	50	60	2	3	3	28.0	28.0	30.0	56	84	90
Md.....	70	65	55	10	8	7	29.0	30.0	32.0	290	240	224
Mich.....	135	135	140	18	20	21	29.0	30.0	28.0	522	600	588
Minn.....	120	200	200	100	160	175	33.0	31.0	38.0	3,300	4,960	6,650
Mo.....	35	30	47	3	2	3	24.0	24.0	25.0	72	48	75
Nebr.....	85	105	235	47	55	58	27.0	23.0	23.0	1,269	1,265	1,334
N.J.....	80	76	60	11	13	9	29.0	30.0	29.0	319	390	261
N.Y.....	100	106	105	11	13	13	31.0	32.0	32.0	341	416	416
N.C.....	145	155	160	25	22	25	21.0	20.0	22.0	525	440	550
N. Dak.....	80	140	155	75	135	150	32.0	32.0	36.0	2,400	4,320	5,400
Ohio.....	80	75	60	5	6	5	31.0	35.0	35.0	155	210	175
Okla.....	170	160	180	32	30	32	23.0	26.0	22.0	736	780	704
Oreg.....	30	25	25	4	4	4	29.0	25.0	35.0	116	100	140
Pa.....	60	60	80	12	17	17	34.0	34.0	34.0	408	578	578
S.C.....	112	107	90	27	20	26	23.0	16.0	21.0	621	320	546
S. Dak.....	150	250	280	130	230	270	36.0	38.0	40.0	4,680	8,740	10,800
Tex.....	155	160	115	28	25	15	18.0	18.0	16.0	504	450	240
Va.....	175	155	180	14	12	14	26.0	26.0	27.0	364	312	378
Wis.....	40	25	30	10	10	8	30.0	30.0	27.0	300	300	216
U.S.....	2,533	2,707	2,971	677	896	981	28.9	30.3	33.0	19,533	27,116	32,392

<sup>1</sup> Relates to the total area of rye sown for all purposes; area planted in preceding fall.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 20.—Rye: Season average price and value, by States, crop of 1982, 1983, and 1984

State	Season average price per bushel <sup>1</sup>			Value of production <sup>1</sup>		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Colo.....	2.25	2.05	1.60	86	78	27
Del.....	3.10	2.52	2.10	422	343	260
Ga.....	2.34	2.39	2.55	3,440	3,513	4,488
Ill.....	2.90	2.80	2.50	867	941	770
Ind.....	3.20	2.45	2.25	832	662	756
Iowa.....	2.60	2.50	2.15	291	233	366
Kans.....	1.90	1.80	1.55	456	396	484
Ky.....	2.90	2.90	2.60	162	244	234
Md.....	3.10	2.50	2.10	899	600	470
Mich.....	3.00	2.05	2.30	1,566	1,230	1,352
Minn.....	2.31	2.09	1.85	7,623	10,366	12,303
Mo.....	3.00	3.10	3.00	216	149	225
Nebr.....	2.20	2.30	1.75	2,792	2,910	2,355
N.J.....	3.74	3.94	3.50	1,193	1,537	914
N.Y.....	3.70	3.00	2.85	1,262	1,248	1,186
N.C.....	3.00	2.90	2.85	1,575	1,276	1,568
N. Dak.....	2.01	1.91	1.65	4,824	8,251	8,910
Ohio.....	3.35	3.35	3.50	519	704	613
Okl.....	2.05	2.50	3.00	1,509	1,950	2,112
Oreg.....	2.60	2.29	1.80	302	229	252
Pa.....	3.20	3.65	3.35	1,306	2,110	1,936
S.C.....	2.75	2.50	2.40	1,708	800	1,310
S. Dak.....	2.22	2.05	1.75	10,390	17,917	18,900
Tex.....	3.36	2.45	3.80	1,693	1,103	912
Va.....	2.30	2.00	2.25	837	624	851
Wis.....	2.30	2.20	2.00	690	660	432
U.S.....	2.39	2.17	1.92	47,460	60,074	63,966

<sup>1</sup> Includes allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate, by States.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 21.—Rye: Price-support operations, United States, 1970-85

Year beginning July <sup>1</sup>	Support price		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC June 30 <sup>1</sup>
	Per bushel	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1970.....	1.02	68	12.1	32.9	11.2	<sup>5</sup> 20.9
1971.....	.89	57	20.0	40.6	11.5	<sup>5</sup> 31.0
1972.....	.89	56	6.9	23.6	1.5	<sup>5</sup> 1.1
1973.....	.89	51	.4	1.5	.....	.....
1974.....	.89	46	.2	1.0	.....	.....
1975.....	.89	39	.1	.6	.....	.....
1976.....	1.20	48	.1	1.0	.....	.....
1977.....	1.70	61	.9	5.4	.....	.....
1978.....	1.70	56	3.0	11.5	.....	.....
1979.....	1.79	51	1.9	8.5	.....	.....
1980.....	1.91	51	.4	2.4	.....	.....
1981.....	2.04	48	.5	2.6	.....	.....
1982.....	2.17	48	1.7	8.1	1.4	( <sup>6</sup> )
1983.....	2.25	47	5.3	19.6	<sup>7</sup> 4.6	1.6
1984.....	2.17	45	<sup>7</sup> 10.0	<sup>7</sup> 30.9	<sup>7</sup> 8.9	<sup>7</sup> 8.0
1985.....	2.17	<sup>7</sup> 47	.....	.....	.....	.....

<sup>1</sup> Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.

<sup>2</sup> Percentage of parity price as of the beginning of the marketing year.

<sup>3</sup> Includes loans made, purchases, and purchase agreements entered into.

<sup>4</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

<sup>5</sup> Uncommitted CCC inventory.

<sup>6</sup> Less than 100,000 bushels.

<sup>7</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

Table 22.—Rye: Area, yield, and production in specified countries, 1982/83–1984/85<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectares			Production		
	1982/ 83	1983/ 84	1984/ 85 <sup>3</sup>	1982/ 83	1983/ 84	1984/ 85 <sup>3</sup>	1982/ 83	1983/ 84	1984/ 85 <sup>3</sup>
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	451	428	370	2.07	1.94	1.79	933	828	663
United States .....	274	363	397	1.81	1.90	2.07	496	689	823
Total.....	725	791	767				1,429	1,517	1,486
South America:									
Argentina.....	174	153	157	.85	.85	.89	148	130	140
Brazil.....	5	4	3	.80	1.00	1.67	4	4	5
Chile.....	5	3	3	1.20	1.33	1.67	6	4	5
Total.....	184	160	163				158	138	150
Europe:									
Belgium-Luxembourg .....	8	7	8	4.12	3.86	4.63	33	27	37
Denmark.....	55	77	123	4.27	4.09	4.94	235	315	608
France.....	110	101	104	2.97	2.90	3.45	327	293	359
Germany, Fed. Rep. of .....	422	456	4.50	4.04	3.61	4.41	1,703	1,646	1,983
Greece.....	3	4	7	2.00	2.25	2.14	6	9	15
Italy.....	13	11	12	2.46	2.54	2.50	32	28	30
Netherlands.....	6	7	6	4.33	3.71	4.17	26	26	25
United Kingdom.....	7	7	6	3.57	3.57	4.17	25	25	25
Total EC.....	624	670	716				2,387	2,369	3082
Austria.....	100	93	94	3.48	3.74	4.05	348	348	381
Finland.....	16	47	44	2.19	2.47	2.09	35	116	92
Norway.....	1	1	1	2.00	2.00	2.00	2	2	2
Portugal.....	194	133	131	.61	.70	.88	119	93	115
Spain.....	212	217	233	.80	1.17	1.40	169	253	325
Sweden.....	54	62	63	3.91	3.82	4.02	211	237	253
Switzerland.....	5	4	4	4.60	4.50	6.00	23	18	24
Total Western Europe.....	1,206	1,227	1,286				3,294	3,436	4,274
Albania.....	10	11	11	.80	.91	1.09	8	10	12
Bulgaria.....	23	25	25	1.48	1.24	1.40	34	31	35
Czechoslovakia.....	176	203	192	3.31	3.70	3.70	583	751	710
German Dem. Rep.....	653	713	719	3.24	2.93	3.48	2,119	2,092	2,502
Hungary.....	74	72	70	1.62	1.89	2.43	120	136	170
Poland.....	3,273	3,448	3,545	2.38	2.55	2.68	7,792	8,781	9,500
Romania.....	40	42	35	1.00	1.95	1.43	40	40	50
Yugoslavia.....	53	51	48	1.58	1.63	1.71	84	83	82
Total Eastern Europe.....	4,302	4,565	4,645				10,780	11,924	13,061
Total Europe.....	5,508	5,792	5,931				14,074	15,360	17,335
Soviet Union (Europe and Asia).....	9,829	10,300	9,400	1.42	1.36	1.43	14,000	14,000	13,400
Africa:									
South Africa.....	33	33	33	.21	.15	.15	7	5	5
Total.....	33	33	33	.21	.15	.15	7	5	5
Asia:									
Turkey.....	315	275	260	1.36	1.38	1.38	430	380	360
Total.....	315	275	260	1.36	1.38	1.38	430	380	360
Oceania:									
Australia.....	42	52	27	.24	.40	.40	10	21	11
Total.....	42	52	27	.24	.40	.41	10	21	11
World total.....	16,636	17,403	16,581				30,108	31,421	32,747

<sup>1</sup> Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1982 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1982 and end early in 1983.

<sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.



**Table 23.—Rice, rough: Area, yield, production, disposition, and value, United States, 1970-84**

Year	Area planted	Area harvested	Yield per acre	Production	Used on farms where produced	Sold	Season average price per cwt. received by farmers <sup>1</sup>	Value of production <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	1,825.8	1,814.7	4,618	83,805	456	83,349	5.17	433,186
1971.....	1,826.0	1,817.9	4,718	85,768	499	85,269	5.34	457,697
1972.....	1,824.0	1,817.9	4,700	85,439	515	84,924	6.73	574,907
1973.....	2,181.3	2,170.2	4,274	92,765	741	92,024	13.80	1,279,990
1974.....	2,550.0	2,531.0	4,440	112,386	1,043	111,343	11.20	1,261,359
1975.....	2,833.0	2,818.0	4,558	128,437	763	127,674	8.35	1,071,924
1976.....	2,489.0	2,480.0	4,663	115,648	378	115,270	7.02	811,358
1977.....	2,261.0	2,249.0	4,412	99,223	814	98,409	9.49	941,248
1978.....	2,993.0	2,970.0	4,484	133,170	602	132,568	8.16	1,087,000
1979.....	2,890.0	2,869.0	4,599	131,947	851	131,096	10.50	1,383,993
1980.....	3,380.0	3,312.0	4,413	146,150	( <sup>3</sup> )	( <sup>3</sup> )	12.80	1,873,007
1981.....	3,827.0	3,792.0	4,819	182,742	( <sup>3</sup> )	( <sup>3</sup> )	9.05	1,654,413
1982.....	3,295.0	3,262.0	4,710	153,637	( <sup>3</sup> )	( <sup>3</sup> )	8.11	1,246,608
1983.....	2,190.0	2,169.0	4,598	99,720	( <sup>3</sup> )	( <sup>3</sup> )	8.76	874,004
1984 <sup>2</sup> .....	2,804.0	2,782.0	4,926	137,033	( <sup>3</sup> )	( <sup>3</sup> )	8.11	1,111,338

<sup>1</sup> Includes allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate, by States, where applicable.

<sup>2</sup> Preliminary.

<sup>3</sup> Estimates discontinued.

Statistical Reporting Service.

**Table 24.—Rice, rough: Stocks on and off farms, United States, 1970-85**

Year	On farms			Off farms <sup>1</sup>			
	Jan. 1	Apr. 1	Aug. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>2</sup>
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1970.....	10,536	4,855	242	53,293	39,107	12,973	7,734
1971.....	10,121	3,335	203	49,276	32,001	14,689	7,565
1972.....	10,924	3,531	133	49,776	29,104	8,291	.....
1973.....	4,714	1,476	94	44,130	22,791	2,845	.....
1974.....	7,729	1,536	77	44,435	25,175	3,877	.....
1975.....	13,608	2,902	63	55,106	31,426	3,987	.....
1976.....	24,713	12,800	657	66,333	50,481	30,688	.....
1977.....	21,006	6,761	709	79,142	61,614	32,642	.....
1978.....	8,269	3,157	586	68,813	49,898	20,542	.....
1979.....	28,089	14,381	623	67,828	53,139	24,515	.....
1980.....	31,021	12,030	563	72,897	55,368	19,530	.....
1981.....	26,179	5,977	208	69,934	43,815	9,632	.....
1982.....	48,404	26,807	4,453	82,980	63,473	36,934	.....
1983.....	34,551	23,778	6,032	100,421	85,255	57,125	.....
1984.....	30,681	15,802	1,250	84,028	63,964	38,456	.....
1985 <sup>3</sup> .....	32,426	18,709	.....	94,846	77,333	.....	.....

<sup>1</sup> Stocks at mills and in attached warehouses, in warehouses not attached to mills, and in ports or in transit.

<sup>2</sup> Estimates discontinued in 1972.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 27

<sup>1</sup> Consolidated supply and disappearance of rough and milled rice. Milled-rice data converted to a rough-rice basis using annually derived extraction rates as factors.

<sup>2</sup> Based on Bureau of Census reports. Estimates for 1969, and 1970 adjusted by ASCS data, based on bills of lading submitted to the USDA for export payments.

<sup>3</sup> Results from losses in drying, storage, handling, and milling and from errors in estimation.

<sup>4</sup> Less than 50,000 cwt.

<sup>5</sup> Preliminary.

Economic Research Service. Totals may not add due to independent rounding.

Table 25.—Rice, by length of grain: Area, yield, and production, United States, 1972-84

Year	Area harvested			Yield per acre			Production		
	Long grain	Medium grain	Short grain	Long grain	Medium grain	Short grain	Long grain	Medium grain	Short grain
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
1972 .....	913.2	751.7	153.0	4,682	4,548	5,552	42,760	34,184	8,495
1973 .....	1,058.4	937.8	174.0	4,139	4,196	5,524	43,807	39,347	9,611
1974 .....	1,370.0	949.6	211.4	4,375	4,358	5,234	59,934	41,387	11,065
1975 .....	1,453.3	1,141.2	223.5	4,376	4,579	5,633	63,593	52,255	12,589
1976 .....	1,531.0	794.0	155.0	4,576	4,634	5,681	70,051	36,792	8,805
1977 .....	1,467.0	595.0	187.0	4,240	4,415	5,746	62,206	26,272	10,745
1978 .....	1,925.0	816.6	228.4	4,405	4,464	5,221	84,792	36,454	11,924
1979 .....	1,940.0	749.0	180.0	4,159	5,397	6,019	80,692	40,421	10,834
1980 .....	2,170.0	1,003.6	138.4	4,002	5,122	5,702	86,851	51,407	7,892
1981 .....	2,482.0	1,150.2	159.8	4,449	5,347	6,770	110,426	61,497	10,819
1982 .....	2,175.0	950.5	136.5	4,295	5,402	6,499	93,424	51,342	8,871
1983 .....	1,543.0	511.0	115.0	4,168	5,360	6,969	64,318	27,388	8,014
1984 <sup>1</sup> .....	2,123.0	557.0	102.0	4,586	5,833	7,034	97,368	32,490	7,175

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 26.—Rice, rough, by length of grain: Stocks in all positions, United States, 1973-85

Year	Long grain				Medium grain				Short grain			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1973 .....	21,247	10,618	1,112	.....	21,495	9,859	937	5	6,102	3,790	890	34
1974 .....	25,302	13,774	2,132	.....	19,866	8,270	939	44	6,996	4,667	883	57
1975 .....	36,393	16,532	1,450	.....	22,502	12,822	1,264	644	9,819	4,974	1,336	164
1976 .....	40,705	24,749	14,260	.....	40,575	31,990	13,579	3,851	9,766	6,542	3,506	1,868
1977 .....	54,987	32,262	12,950	.....	36,532	29,129	17,523	5,376	8,629	6,984	2,878	722
1978 .....	42,641	28,929	9,624	.....	26,617	18,634	9,327	2,804	7,824	5,492	2,177	424
1979 .....	54,785	36,222	11,049	.....	30,878	23,559	10,776	2,698	10,254	7,739	3,313	684
1980 .....	62,318	40,062	10,515	.....	32,645	21,125	6,783	257	8,955	6,211	2,795	326
1981 .....	54,909	27,132	4,869	.....	34,928	18,154	3,637	801	6,276	4,506	1,334	89
1982 .....	72,440	44,208	14,578	.....	53,268	42,589	26,098	13,922	5,676	3,483	711	319
1983 .....	71,051	50,339	21,335	170	56,340	52,754	37,795	21,990	7,581	5,940	4,027	1,830
1984 .....	59,258	36,459	12,627	119	49,011	39,180	24,524	16,124	6,440	4,127	2,555	1,617
1985 <sup>2</sup> .....	74,691	56,318	.....	.....	44,807	33,977	.....	.....	7,774	5,747	.....	.....

<sup>1</sup> California only. <sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 27.—Rough rice and milled rice (rough equivalent): Supply and disappearance, United States, 1970-84 <sup>1</sup>

Year beginning August	Supply				Disappearance						Statistical discrepan- cies <sup>3</sup>	End- ing stocks July 31
	Begin- ning stocks	Pro- duction	Im- ports	Total	Domestic use				Ex- ports <sup>2</sup>	Total disappear- ance		
					Food	Brew- ers use	Seed	Total				
	Million cwt.	Mill- ion cwt.	Mill- ion cwt.	Mill- ion cwt.	Mill- ion cwt.	Mill- ion cwt.	Mill- ion cwt.	Mill- ion cwt.	Mill- ion cwt.	Million cwt.	Million cwt.	Mill- ion cwt.
1970 .....	16.4	83.8	1.4	101.7	25.1	6.8	2.5	34.4	46.5	80.9	2.1	18.6
1971 .....	18.6	85.8	1.1	105.5	25.5	7.4	2.5	35.4	56.9	92.3	1.8	11.4
1972 .....	11.4	85.4	.5	97.4	25.1	7.7	3.0	35.7	54.0	89.8	2.5	5.1
1973 .....	5.1	92.8	.2	98.1	26.1	8.1	3.6	37.8	49.7	87.5	2.7	7.8
1974 .....	7.8	112.4	(*)	120.3	28.6	8.4	4.0	41.0	69.5	110.5	2.7	7.1
1975 .....	7.1	128.4	(*)	135.5	27.7	9.1	3.5	40.3	56.5	96.8	1.8	36.9
1976 .....	36.9	115.6	.1	152.6	29.2	10.3	3.2	42.7	65.6	108.3	3.8	40.5
1977 .....	40.5	99.2	.1	139.8	23.5	9.9	4.3	37.7	72.8	110.5	1.9	27.4
1978 .....	27.4	133.2	.1	160.7	33.7	11.2	4.3	49.2	75.7	124.9	4.2	31.6
1979 .....	31.6	131.9	.1	163.6	33.2	11.2	4.8	49.2	82.6	131.8	6.1	25.7
1980 .....	25.7	146.2	.2	172.1	38.4	11.0	5.1	54.5	91.4	145.9	9.7	16.5
1981 .....	16.5	182.7	.4	199.6	42.3	12.7	4.4	59.6	82.0	141.6	9.0	49.0
1982 .....	49.0	153.6	.7	203.3	34.2	13.6	3.2	54.0	68.9	122.9	8.9	71.5
1983 .....	71.5	99.7	.7	171.9	33.4	12.4	3.9	54.7	70.3	125.0	7.0	46.9
1984 * .....	46.9	137.0	1.5	185.4	38.0	13.0	2.7	53.7	62.0	115.7	5.0	64.7

See footnotes on page 19.



Table 28.—Rice, by length of grain: Area, yield, and production, by States, 1982-84

State	Area harvested			Yield per acre			Production		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
Long grain									
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ark.....	1,134.0	786.0	1,060.0	4,200	4,200	4,550	47,608	33,012	48,230
Calif.....	14.0	22.0	59.0	5,900	5,950	6,300	826	1,309	3,717
La.....	269.0	206.0	339.0	4,075	3,700	4,100	10,962	7,622	13,899
Miss.....	245.0	161.0	190.0	4,120	4,000	4,350	10,094	6,440	8,265
Mo.....	71.0	60.0	73.0	4,450	4,100	4,600	3,160	2,460	3,358
Tex.....	442.0	308.0	402.0	4,700	4,375	4,950	20,774	13,475	19,899
U.S.....	2,175.0	1,543.0	2,123.0	4,295	4,168	4,586	93,424	64,318	97,368
Medium grain									
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ark.....	175.0	121.0	79.0	4,800	4,780	5,260	8,400	5,784	4,155
Calif.....	406.0	199.0	281.0	6,700	7,100	7,100	27,202	14,129	19,951
La.....	329.0	179.0	189.0	4,225	3,950	4,250	13,900	7,071	8,033
Mo.....	8.5	2.0	2.0	4,700	3,700	4,500	400	74	90
Tex.....	32.0	10.0	6.0	4,500	3,300	4,350	1,440	330	261
U.S.....	950.5	511.0	557.0	5,402	5,360	5,833	51,342	27,388	32,490
Short grain									
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ark.....	21.0	8.0	11.0	4,900	4,540	4,680	1,029	363	515
Calif.....	115.0	107.0	90.0	6,800	7,150	7,350	7,820	7,651	6,615
Mo.....	.5	.....	1.0	4,400	.....	4,500	22	.....	45
U.S.....	136.5	115.0	102.0	6,499	6,969	7,034	8,871	8,014	7,175

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 29.—Rice: Area, yield, and production, by States, 1982-84

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ark.....	1,350.0	925.0	1,160.0	1,330.0	915.0	1,150.0	4,290	4,280	4,600	57,037	39,159	52,900
Calif.....	540.0	330.0	432.0	535.0	328.0	430.0	6,700	7,040	7,040	35,848	23,089	30,283
La.....	600.0	390.0	530.0	598.0	385.0	528.0	4,160	3,820	4,150	24,862	14,693	21,932
Miss.....	250.0	162.0	195.0	245.0	161.0	190.0	4,120	4,000	4,350	10,094	6,440	8,265
Mo.....	80.0	63.0	77.0	80.0	62.0	76.0	4,480	4,090	4,600	3,582	2,534	3,493
Tex.....	475.0	320.0	410.0	474.0	318.0	408.0	4,690	4,340	4,940	22,214	13,805	20,160
U.S.....	4,295.0	2,190.0	2,804.0	3,262.0	2,169.0	2,782.0	4,710	4,598	4,926	153,637	99,720	137,033

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 30.—Rice, milled, by length of grain: Stocks in all positions, United States, 1972-85

Year	Whole kernels (head rice)											
	Long grain				Medium grain				Short grain			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1972 .....			550				740	47			303	65
1973 .....	1,142	1,774	500		2,281	1,770	278	10	84	333	348	10
1974 .....	1,117	1,467	792		1,512	2,574	835	31	205	319	242	74
1975 .....	1,697	1,185	421		1,130	1,233	660	130	224	773	293	87
1976 .....	1,893	1,454	922		1,197	2,052	1,630	63	137	137	99	461
1977 .....	1,802	2,140	1,618		742	1,453	1,667	222	410	162	367	186
1978 .....	3,417	3,945	1,719		1,704	1,704	1,008	559	376	497	958	1,177
1979 .....	3,349	2,757	2,302		795	1,722	706	380	720	525	144	207
1980 .....	3,312	3,840	2,471		1,983	2,039	824	141	123	98	163	88
1981 .....	3,909	4,146	1,747		1,702	2,731	1,595	154	67	109	409	418
1982 .....	2,600	2,963	2,166		1,025	1,862	1,917	287	289	751	527	176
1983 .....	3,715	3,865	3,157	22	1,027	1,779	1,957	420	458	124	105	70
1984 .....	3,040	3,943	2,703	18	1,192	2,104	1,186	131	197	61	68	71
1985 <sup>2</sup> .....	3,255	4,049			1,245	917			50	89		

  

Year	Broken kernels <sup>3</sup>											
	Second heads				Screenings				Brewers			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1972 .....			331	15			186				86	20
1973 .....	528	686	329	39	49	180	104		215	142	47	8
1974 .....	566	545	587	30	103	189	228		391	160	119	2
1975 .....	731	830	672	34	141	112	37		369	136	81	27
1976 .....	897	1,190	969	7	125	88	111		317	182	161	23
1977 .....	1,121	1,283	1,002	35	75	430	154		193	218	348	27
1978 .....	692	1,004	509	92	81	102	65		174	214	88	22
1979 .....	952	1,285	1,026	180	112	139	68		211	277	337	69
1980 .....	500	507	403	63	31	152	49		121	154	125	17
1981 .....	684	591	930	276	65	66	43		113	169	131	24
1982 .....	884	946	691	416	90	83	73		168	180	103	45
1983 .....	759	847	394	186	85	125	119		175	212	164	32
1984 .....	870	772	938	204	153	211	93		266	210	133	66
1985 <sup>2</sup> .....	874	586			99	108			402	371		

<sup>1</sup> California only.<sup>2</sup> Preliminary.<sup>3</sup> Screenings in California are included in second heads.

Statistical Reporting Service.

Table 31.—Rice: Season average price and value, by States, crop of 1982, 1983, and 1984

State	Season average price per cwt. <sup>1</sup>			Value of production <sup>1</sup>		
	1982	1983	1984 <sup>2 3</sup>	1982	1983	1984 <sup>2 3</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ark.....	8.61	9.18	.....	491,089	359,480	.....
Calif.....	6.65	6.96	.....	238,389	160,699	.....
La.....	8.05	8.90	.....	200,139	130,768	.....
Miss.....	8.66	9.53	.....	87,414	61,373	.....
Mo.....	8.65	9.49	.....	30,984	24,048	.....
Tex.....	8.94	9.97	.....	198,593	137,636	.....
U.S.....	8.11	8.76	8.11	1,246,608	874,004	1,111,338

<sup>1</sup> Includes allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate, by States.

<sup>2</sup> State estimates not available.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 32.—Rice, milled: United States exports under specified Government programs, 1970-83

Year <sup>1</sup>	Public Law 480					Mutual security (AID) <sup>5</sup>	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency <sup>2</sup>	Long-term dollar and convertible foreign currency credit sales <sup>3</sup>	Government-to-government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>	Barter for strategic materials <sup>6</sup>		
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1970.....	5,366	14,979	.....	.....	.....	3,356	23,701
1971.....	3,588	14,343	5,462	.....	.....	3,132	26,525
1972.....	.....	21,253	722	4	.....	2,721	24,700
1973.....	.....	13,352	.....	.....	.....	146	13,498
1974.....	.....	16,342	113	11	.....	2	16,468
1975.....	.....	11,228	.....	.....	.....	111	11,339
( <sup>7</sup> ).....	.....	(10,007)	.....	.....	.....	.....	(10,007)
1976.....	.....	14,572	198	357	.....	8	15,135
1977.....	.....	10,275	1,045	345	.....	.....	11,665
1978.....	.....	9,224	1,135	315	.....	.....	10,674
1979.....	.....	8,589	1,583	1,087	.....	.....	11,864
1980.....	.....	5,449	1,583	893	.....	.....	7,925
1981.....	.....	6,603	1,254	378	.....	.....	8,235
1982.....	.....	8,829	988	657	.....	2	10,476
1983.....	.....	6,443	1,176	985	.....	.....	8,604

<sup>1</sup> Year beginning July 1 for 1970-75 and Oct. 1 beginning 1976.

<sup>2</sup> Authorized by Title I, P.L. 480.

<sup>3</sup> Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480, as amended by P.L. 89-808.

<sup>4</sup> Authorized by Title II, P.L. 480.

<sup>5</sup> Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966.

Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967.

<sup>6</sup> Foreign Assistance Act of 1961, as amended.

<sup>7</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

Economic Research Service.

Table 33.—Rice, rough: Price-support operations, United States, 1970-85

Marketing year beginning August	Support prices		Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC <sup>4</sup>
	Per/cwt loan/target	Percentage of parity <sup>1</sup> loan/target	Quantity	Percentage of production		
1970.....	4.86/—	65/—	20.8	25.0	3.7	9.4
1971.....	5.07/—	65/—	31.2	36.7	1.3	9.4
1972.....	5.27/—	65/—	22.9	26.8	( <sup>5</sup> )	2.7
1973.....	6.07/—	65/—	19.1	20.6		
1974.....	7.54/—	65/—	9.3	8.3	( <sup>5</sup> )	
1975.....	8.52/—	65/—	21.5	16.8	17.3	17.3
1976.....	6.19/8.25	46/61	23.4	20.2	1.8	19.1
1977.....	6.19/8.25	44/59	19.5	19.7	.6	18.6
1978.....	6.40/8.53	42/55	27.1	20.3	.3	10.9
1979.....	6.79/9.05	38/51	26.1	19.8	.4	8.5
1980.....	7.12/9.49	38/50	25.0	17.1		2.2
1981.....	8.01/10.68	39/51	42.8	23.4	17.5	17.5
1982.....	8.14/10.85	39/51	65.2	42.4	6.5	22.3
1983.....	8.14/11.40	39/34	40.0	40.1	23.0	25.0
1984.....	8.00/11.90	39/58	<sup>6</sup> 55.2	<sup>6</sup> 39.9		
1985.....	8.00/11.90					

<sup>1</sup> Percentage of parity price as of the beginning of the marketing year.<sup>2</sup> Includes loans made, purchases, and purchase agreements entered.<sup>3</sup> Acquisitions through loan forfeitures, crop year basis.<sup>4</sup> At beginning of market year—July 31 for 1968-1974; and Sept. 30, 1975-1985.<sup>5</sup> Less than 50,000 cwt.<sup>6</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

Table 34.—Rice: United States exports (milled basis), by country of destination, 1982 and 1983

Country of destination	Year beginning August <sup>1</sup>		Country of destination	Year beginning August <sup>1</sup>	
	1982	1983		1982	1983
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Canada.....	100,588	94,079	Indonesia.....	63,440	81,583
Mexico.....	244	87	Iran.....		0
Bahamas.....	5,520	5,136	Iraq.....	279,175	274,782
Dominican Republic.....	3,046	10	Korea, Rep. of.....	187,763	98,924
Haiti.....	1,222	5,289	Bangladesh.....	67,310	55,663
Jamaica.....	41,849	49,906	Saudi Arabia.....	279,061	285,748
Netherlands Antilles.....	6,224	7,421	Total Asia, Middle East and Oceania <sup>2</sup> .....	990,641	796,700
Chile.....	217	3,779			
Total Western Hemisphere <sup>2</sup> .....	296,002	165,707	Guinea.....	19,139	20,491
			Ivory Coast.....	2,753	6,946
Belgium-Luxembourg.....	114,886	135,296	Liberia.....	91,270	83,459
France.....	13,956	13,542	Nigeria.....	168,734	5
Italy.....	11,554	50,978	Senegal.....	24,896	11,433
Germany, Fed. Rep. of.....	14,112	17,124	South Africa.....	109,309	154,498
Netherlands.....	32,412	39,067	Total Africa <sup>2</sup> .....	617,418	276,932
Portugal.....	5,896	32,299			
Sweden.....	14,749	15,474	World total <sup>2</sup> .....	2,218,664	2,271,699
Switzerland.....	57,175	65,081			
United Kingdom.....	26,161	4,218			
Total Europe <sup>2</sup> .....	314,604	373,079			

<sup>1</sup> Marketing year.<sup>2</sup> Includes countries not shown.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 35.—Rice, rough: Area, yield, and production in specified countries 1982/83–1984/85 <sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1982/ 83	1983/ 84	1984/ 85 <sup>3</sup>	1982/ 83	1983/ 84	1984/ 85 <sup>3</sup>	1982/ 83	1983/ 84	1984/ 85 <sup>3</sup>
	1,000 hect- ares	1,000 hect- ares	1,000 hect- ares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North and Central America:									
Costa Rica.....	76	88	55	1.88	2.85	3.53	143	251	194
Cuba.....	153	145	155	3.40	3.31	3.39	520	480	525
Dominican Republic.....	128	140	140	2.59	2.81	2.91	331	394	408
El Salvador.....	11	13	15	3.18	3.31	4.00	35	43	60
Guatemala.....	22	20	19	2.18	2.20	2.53	48	44	48
Haiti.....	50	50	55	2.66	2.66	2.58	133	133	142
Honduras.....	24	24	24	1.83	2.13	2.96	44	51	71
Jamaica.....	1	1	1	3.00	3.00	3.00	3	3	3
Mexico.....	170	170	130	3.00	2.56	2.89	510	435	375
Nicaragua.....	41	38	45	3.20	3.55	3.75	131	135	169
Panama.....	95	106	96	1.85	1.95	1.82	176	207	175
Trinidad and Tobago.....	10	10	10	3.00	3.00	3.00	30	30	30
United States.....	1,320	878	1126	5.28	5.15	5.52	6,969	4,523	6,216
Total.....	2,101	1,683	1871				9,073	6,729	8,416
South America:									
Argentina.....	81	129	125	3.42	3.68	3.20	277	475	400
Bolivia.....	53	43	120	1.62	1.42	1.62	86	61	194
Brazil.....	5,350	6,000	6,000	1.46	1.50	1.50	7,800	9,000	9,000
Chile.....	37	40	40	3.54	4.05	3.65	131	162	146
Colombia.....	481	396	364	4.31	4.50	4.66	2,071	1,780	1,695
Ecuador.....	129	93	136	2.93	2.90	3.16	378	270	430
Guyana.....	93	90	90	2.97	2.34	2.50	276	213	225
Paraguay.....	31	32	32	2.10	1.62	2.06	65	52	66
Peru.....	170	180	225	4.15	3.51	4.23	706	632	951
Surinam.....	70	70	75	4.00	4.00	3.93	280	280	295
Uruguay.....	70	79	84	4.81	4.30	4.80	337	340	403
Venezuela.....	227	164	151	2.68	2.74	2.71	609	449	409
Total.....	6,797	7,316	7,442				13,016	13,714	14,214
Europe:									
France.....	5	7	10	5.20	5.00	4.80	26	35	48
Greece.....	16	14	14	5.19	5.86	6.50	83	82	91
Italy.....	178	184	180	5.36	5.59	5.62	954	1,029	1,011
Total EC.....	199	205	204				1,063	1,146	1,150
Portugal.....	34	27	30	4.21	4.04	4.47	143	109	134
Spain.....	68	40	73	5.91	5.58	5.99	402	223	437
Total Western Europe.....	301	272	307				1,608	1,478	1,721
Bulgaria.....	16	16	16	4.69	4.50	4.38	75	72	70
Hungary.....	15	15	15	3.20	2.73	3.20	48	41	48
Romania.....	21	28	30	2.19	3.00	2.50	46	84	75
Yugoslavia.....	9	9	9	4.67	4.44	4.67	42	40	42
Total Eastern Europe.....	61	68	70				211	237	235
Total Europe.....	362	340	377				1,819	1,715	1,956
Soviet Union (Europe and Asia).....	648	700	700	3.70	3.86	4.00	2,400	2,700	2,800
Africa:									
Algeria.....	1	1	1	1.00	1.00	1.00	1	1	1
Angola.....	20	20	20	1.00	1.10	1.10	20	22	22
Benin.....	8	11	11	1.12	1.36	1.36	9	15	15
Cameroon.....	30	22	25	2.43	1.46	2.20	73	32	55
Chad.....	40	33	35	.58	.88	.71	23	29	25
Egypt.....	430	421	412	5.67	5.80	5.66	2,437	2,442	2,330
Gambia.....	28	16	28	1.32	1.13	1.43	37	18	40
Ghana.....	61	40	57	.89	1.50	1.72	54	60	98
Guinea.....	420	400	400	.95	.94	1.00	400	375	400
Guinea-Bissau.....	40	45	45	1.15	1.02	1.11	46	46	50
Ivory Coast.....	302	340	420	1.32	1.09	1.17	398	370	491
Kenya.....	8	9	9	4.75	4.00	3.67	38	36	33
Liberia.....	229	230	230	1.17	1.25	1.22	267	287	280
Madagascar.....	1,143	1,189	1,175	1.72	1.81	1.80	1,970	2,147	2,112
Mali.....	160	160	160	.91	.76	.78	145	122	125
Mauritania.....	5	3	3	2.00	.67	.67	10	2	2
Morocco.....	1	2	5	5.00	3.00	1.80	5	6	9
Mozambique.....	70	70	70	.71	.44	.36	50	31	25
Niger.....	21	21	21	2.00	2.14	1.43	42	45	30
Nigeria.....	600	630	670	2.30	2.03	2.02	1,380	1,280	1,353

See footnotes at end of table.



Table 35.—Rice, rough: Area, yield, and production in specified countries, 1982/83-1984/85<sup>1</sup>—Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1982/ 83	1983/ 84	1984/ 85 <sup>3</sup>	1982/ 83	1983/ 84	1984/ 85 <sup>3</sup>	1982/ 83	1983/ 84	1984/ 85 <sup>3</sup>
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Africa—Continued</b>									
Senegal.....	68	52	66	1.54	2.10	2.06	105	109	136
Sierra Leone.....	400	400	400	1.46	1.52	1.50	583	609	600
Somali Rep.....	8	3	3	2.50	2.67	2.67	20	8	8
Swaziland.....	2	2	2	2.50	2.50	2.50	5	5	5
Sudan.....	4	6	6	1.00	1.67	1.67	4	10	10
Togo.....	20	20	20	1.10	1.05	1.30	22	21	26
Tanzania.....	270	270	270	1.40	1.48	1.48	379	400	400
Upper Volta.....	40	25	25	1.02	.76	.80	41	19	20
Zaire.....	314	323	325	.80	.80	.80	251	258	260
Zambia.....	7	6	6	1.43	1.17	1.33	10	7	8
Total.....	4,750	4,770	4,920				8,825	8,812	8,969
<b>Asia:</b>									
Afghanistan.....	231	232	230	2.07	2.07	2.09	478	480	480
Bangladesh.....	10,587	10,546	9,790	2.01	2.06	2.21	21,345	21,772	21,622
Burma.....	4,560	4,675	4700	3.15	3.08	3.07	14,374	14,390	14,450
Brunei.....	3	3	3	2.33	2.33	2.33	7	7	7
Cambodia.....	1,680	1,700	1,450	.83	1.00	.97	1,400	1,700	1,400
China.....	33,056	33,136	32,300	4.88	5.10	5.51	161,240	168,870	178,090
Taiwan.....	659	645	600	4.94	5.05	4.93	3,257	3,261	2,959
India.....	38,262	40,990	41,200	1.85	2.19	2.17	70,681	89,662	89,259
Indonesia.....	8,988	9,162	9,636	3.74	3.85	3.94	33,584	35,303	37,978
Iran.....	330	312	312	4.24	4.49	4.49	1,400	1,400	1,400
Iraq.....	60	55	50	2.73	2.96	1.80	164	163	90
Japan.....	2,257	2,273	2,315	5.69	5.70	6.41	12,838	12,957	14,848
Korea, Dem. Peo. Rep. of.....	800	800	800	6.19	6.25	6.25	4,950	5,000	5,000
Korea, Rep. of.....	1,188	1,228	1,231	6.15	6.20	6.47	7,307	7,608	7,970
Laos.....	740	650	725	1.46	1.54	1.66	1,082	1,000	1,200
Malaysia.....	635	640	620	2.93	2.84	2.83	1,862	1,818	1,755
Nepal.....	1,263	1,330	1,275	1.45	2.07	2.12	1,832	2,750	2,700
Pakistan.....	1,978	1,998	2,017	2.61	2.50	2.57	5,173	5,009	5,185
Philippines.....	3,240	3,141	3,200	2.39	2.50	2.49	7,731	7,841	7,974
Saudi Arabia.....	1	1	1	3.00	3.00	3.00	3	3	3
Sri Lanka.....	800	777	886	2.70	3.20	2.72	2,156	2,483	2,412
Thailand.....	9,365	9,800	9,215	1.80	2.00	2.00	16,877	19,592	18,500
Turkey.....	77	70	75	4.20	4.14	3.60	323	290	270
Vietnam, Soc. Rep. of.....	5,700	5,700	5,700	2.42	2.46	2.42	13,780	14,000	13,800
Total.....	126,460	129,864	128,331				383,844	417,369	429,352
<b>Oceania:</b>									
Australia.....	85	119	127	6.44	5.31	6.31	548	632	801
Total.....	85	119	127				548	632	801
World total.....	141,198	144,792	143,768				419,525	451,671	466,508

<sup>1</sup> Crop year beginning Aug. 1. Crops harvested in Northern Hemisphere during the latter part of the year are combined with those harvested in Asia principally from November to May, and in the Southern Hemisphere harvested during the first part of the following year.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches and Foreign Service Officers, results of office research, and related information.

Table 36.—Rice, milled equivalent:<sup>1</sup> International trade, 1982-84<sup>2</sup>

Continent and country	1982		1983		1984 <sup>3</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:						
Canada.....		108		115		115
El Salvador.....		2		5		5
Honduras.....		2		2		5
Mexico.....		16				170
Nicaragua.....	5	4		4		10
Panama.....		10	10			5
United States.....	2,487	18	2,230	22	2,129	29
Cuba.....		201		207		200
Jamaica.....		48		47		47
Trinidad and Tobago.....		43		55		55
Total.....	2,492	452	2,240	402	2,129	641
South America:						
Argentina.....	92		68		185	
Brazil.....	11	124	7	400		272
Guyana.....	35		45			40
Chile.....		19		32		8
Colombia.....	2	4	31	5	25	
Ecuador.....	20			15	15	31
Peru.....		58		101		48
Surinam.....	131		127			130
Uruguay.....	227		189		155	
Venezuela.....	26					
Total.....	544	205	467	554	380	529
Europe:						
Austria.....		46		40		45
Belgium and Luxembourg.....	152	212	113	160	190	140
Denmark.....	12	2	1	11		14
France.....	6	215	7	180	48	229
Germany, Fed. Rep. of.....	38	166	41	172	44	179
Greece.....	4	5	5	10	6	7
Italy.....	314	176	512	251	460	65
Netherlands.....	109	139	112	145	100	165
Norway.....		9		9		10
Portugal.....		110		30		105
Spain.....	61	48	40	37	30	90
Sweden.....		26		28		24
Switzerland.....		28		23		25
United Kingdom.....	2	163	2	171	2	196
Total Western Europe.....	698	1,345	833	1,267	880	1,294
Germany, Dem. Rep. of.....		46		46		50
Hungary.....		13		61		60
Poland.....		89		66		80
Romania.....		62		64		60
Yugoslavia.....	0	30		0		5
Soviet Union.....	100	859	100	400	100	450
Total Eastern Europe.....	100	1,099	100	637	100	705
Africa:						
Algeria.....		18		24		25
Angola.....		32		32		35
Zaire.....		33		35		40
Gambia.....		35		40		45
Ghana.....	20	40		26		34
Guinea.....		80		74		92
Ivory Coast.....		363		434		368
Liberia.....		90		102		90
Madagascar.....		185		100		100

See footnotes at end of table.

Table 36.—Rice, milled equivalent:<sup>1</sup> International trade, 1982-84 <sup>2</sup>—Continued

Continent and country	1982		1983		1984 <sup>3</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Africa—Continued</b>						
Mauritius.....		79		75		75
Mozambique.....	68	66		72		130
Nigeria.....	12	666	10	711	10	450
Senegal and Mauritania.....		445		442		465
Sierra Leone.....		112		90		70
South Africa.....		146		158		186
Egypt.....	22	5	21		50	
Tanzania.....		70		50		60
<b>Total</b> .....	<b>122</b>	<b>2,555</b>	<b>31</b>	<b>2,465</b>	<b>60</b>	<b>2,265</b>
<b>Asia:</b>						
Bangladesh.....		296		82		550
Saudi Arabia.....		471		491		530
Israel.....		40		49		50
Jordan.....	3	46	3	44		40
Lebanon.....	1	20	1	24		25
Turkey (Europe and Asia).....		20		10		85
Iraq.....		369	1	474		500
Syria.....		102		120		130
Iran.....		587		680		700
Burma.....	701		750		750	
Sri Lanka.....		217		157		40
China.....	470	250	580	75	1,000	100
Taiwan.....	307	1	553	2	218	
Hong Kong.....	6	365	5	371	5	370
India.....	633	10	200	315	200	745
Kampuchea.....		145		72		50
Laos.....		21		26		30
Vietnam, Soc. Rep. of.....	15	150	140	30	150	300
Indonesia.....		328		1,175		387
Japan.....	318	66	321	14	102	152
Korea, Rep. of.....		228		216	7	135
Korea, Dem. People's Rep.....	250		250			250
Malaysia.....	10	403		357	10	500
Singapore.....	5	192	25	180	5	175
Pakistan.....	794		1,299		1,057	
Philippines.....			40			220
Thailand.....	3,620		3,700		4,528	
<b>Total</b> .....	<b>7,133</b>	<b>4,327</b>	<b>7,836</b>	<b>4,800</b>	<b>8,082</b>	<b>6,014</b>
<b>Oceania:</b>						
Australia.....	530	2	281	4	300	5
<b>Total</b> .....	<b>11,619</b>	<b>9,985</b>	<b>11,788</b>	<b>10,129</b>	<b>11,581</b>	<b>11,498</b>
<b>Other countries</b> .....	<b>96</b>	<b>1,248</b>	<b>43</b>	<b>1,432</b>	<b>906</b>	<b>989</b>
<b>World total</b> .....	<b>11,715</b>	<b>11,233</b>	<b>11,831</b>	<b>11,561</b>	<b>12,487</b>	<b>12,487</b>

<sup>1</sup> Includes milled, semi-milled, broken, and rough rice in terms of milled.<sup>2</sup> Calendar year.<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers.

Table 37.—Food grains: Average price, selected markets and grades, 1970-83 <sup>1</sup>

Crop year <sup>2</sup>	Kansas City			Minneapolis			Portland Wheat No. 1 Soft White	St. Louis Wheat, No. 2 Soft Red Winter
	Wheat, No. 1 Hard Winter, Ordinary Protein	Wheat, No. 1 Hard Winter, 13% protein	Wheat, No. 1 Soft Red Winter	Wheat, No. 1 Hard Amber Durum	Wheat, No. 1 Dark Northern Spring, 14% protein <sup>3</sup>	Rye, No. 2		
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>
1970 .....	1.56	1.70	n.a.	1.79	1.81	1.13	1.70	1.60
1971 .....	1.57	1.63	n.a.	1.70	1.59	1.00	1.60	1.49
1972 .....	2.33	2.38	n.a.	2.33	2.22	1.11	2.48	2.24
1973 .....	4.51	4.58	n.a.	6.40	5.03	2.51	4.71	4.51
1974 .....	4.20	4.64	4.12	6.53	4.85	2.89	4.44	4.11
1975 .....	3.74	4.16	3.52	5.05	4.42	2.84	3.88	3.46
1976 .....	2.88	3.18	2.70	3.19	3.35	2.87	3.10	2.77
1977 .....	2.72	2.81	2.54	3.31	2.88	2.53	3.09	2.54
1978 .....	3.38	3.41	3.34	3.60	3.35	2.44	3.73	3.43
1979 .....	4.25	4.34	4.04	4.99	4.21	2.47	4.22	4.10
1980 .....	4.45	4.50	4.23	6.39	4.71	3.35	4.36	4.39
1981 .....	4.27	4.30	3.67	4.21	4.29	3.80	4.20	3.66
1982 .....	3.94	4.13	3.53	3.96	4.09	2.75	4.39	3.32
1983 .....	3.84	4.14	3.58	4.57	4.30	2.50	3.95	3.62

  

Crop year <sup>2</sup>	Chicago Wheat, No. 2 Soft Red Winter	Denver Wheat, No. 1 Hard Winter	San Francisco Milled Rice Short	S.W. Louisiana Milled Rice		Arkansas Milled Rice		Texas Milled Rice	
				Medium	Long	Medium	Long	Medium	Long
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
1970 .....	1.67	1.25	10.62	8.54	9.83	8.95	10.10	8.90	10.10
1971 .....	1.57	1.26	11.09	8.71	9.95	9.25	10.25	9.10	10.20
1972 .....	2.20	1.92	12.42	8.87	14.34	13.45	14.35	13.55	14.45
1973 .....	4.84	4.00	24.20	26.40	30.40	26.70	30.80	27.40	31.75
1974 .....	4.16	3.76	25.40	20.05	21.55	21.15	22.40	19.90	22.05
1975 .....	3.54	3.33	20.65	15.85	17.20	17.10	18.10	17.35	18.35
1976 .....	2.81	2.38	15.15	13.30	14.60	14.40	15.30	14.10	14.95
1977 .....	2.56	2.16	20.25	20.55	21.40	19.10	21.25	20.60	21.75
1978 .....	3.57	2.77	18.25	16.00	18.20	15.40	18.40	16.65	18.85
1979 .....	4.24	3.54	22.00	21.40	22.05	21.50	22.25	22.05	22.40
1980 .....	4.33	3.78	23.45	22.51	22.92	22.51	22.62	.....	22.81
1981 .....	3.74	3.61	22.10	19.20	20.25	19.44	20.20	.....	21.30
1982 .....	3.33	3.44	16.05	16.90	18.00	16.80	17.80	.....	18.70
1983 .....	3.56	3.36	15.96	17.50	18.64	17.34	18.65	.....	19.88

<sup>1</sup> Simple average of daily prices.<sup>2</sup> For wheat and rye, crop year begins in July for 1970-72, June for 1973-83. For rice, crop year begins in August.<sup>3</sup> For 1970-72, 13% protein.

n.a. not available

Agricultural Marketing Service.

Table 38.—Corn: Area, yield, production, disposition, and value, United States, 1970-84

Year	Area planted, all purposes	Corn for grain					Corn for silage			Forage area harvested 2	
		Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel 1	Value of production 1	Area harvested		Yield per harvested acre
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 acres	Tons	1,000 tons
1970.....	66,863	57,358	72.4	4,152,243	1,888,552	2,263,691	1.33	5,514,702	8,078	11.6	94,084
1971.....	74,179	64,123	88.1	5,646,260	2,446,467	3,199,793	1.08	6,101,055	8,814	12.4	109,302
1972.....	67,126	57,513	97.0	5,579,832	2,328,020	3,251,812	1.57	8,743,036	8,351	13.1	109,343
1973.....	72,253	62,143	91.3	5,670,712	2,217,479	3,543,233	2.55	14,462,744	9,023	12.7	114,267
1974.....	77,935	65,405	71.9	4,701,402	1,754,693	2,946,709	3.02	14,231,357	10,844	10.7	115,705
1975.....	78,719	67,625	86.4	5,840,757	2,121,088	3,719,669	2.54	14,817,840	9,848	11.8	116,087
1976.....	84,388	71,506	88.0	6,289,169	2,329,332	3,959,837	2.15	13,524,134	11,281	10.5	118,547
1977.....	84,328	71,614	90.8	6,595,041	2,548,330	3,956,711	2.02	13,107,420	9,314	12.6	117,743
1978.....	81,675	71,930	101.0	7,267,927	2,853,821	4,432,106	2.25	16,280,688	8,624	13.7	118,132
1979.....	81,394	72,400	109.5	7,928,139	2,976,268	4,962,551	2.52	19,876,655	7,989	14.4	114,799
1980.....	84,043	72,961	91.0	6,639,396	(a)	(a)	3.11	20,554,147	9,299	12.0	111,990
1981.....	84,097	74,324	108.9	8,118,650	(a)	(a)	2.50	20,200,261	8,307	14.2	117,891
1982.....	81,857	72,719	113.2	8,235,101	(a)	(a)	2.68	22,039,409	8,952	14.3	117,752
1983.....	80,217	51,453	81.0	4,174,678	(a)	(a)	3.25	13,537,170	7,814	12.3	96,347
1984 4.....	80,434	71,816	106.6	7,656,195	(a)	(a)	2.69	20,544,281	7,533	13.8	104,056

<sup>1</sup> Includes allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate, by States, where applicable.  
 grazed and that cut and fed without removing grain.

<sup>2</sup> Includes hogged or  
 Statistical Reporting Service.

<sup>3</sup> Estimates discontinued.

<sup>4</sup> Preliminary.



Table 39.—Corn: Stocks on and off farms, United States, 1970-85

Year	On farms				Off farms <sup>a</sup>			
	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1 <sup>2</sup>	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1 <sup>2</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1970.....	3,390,099	2,263,432	1,425,733	575,630	993,137	767,827	519,562	429,593
1971.....	2,755,306	1,875,370	1,178,821	426,712	1,013,479	670,220	393,556	240,027
1972.....	3,555,260	2,485,085	1,590,106	751,949	1,149,084	898,109	584,022	374,980
1973.....	3,692,724	2,387,458	1,374,066	403,918	1,141,455	954,964	564,315	303,960
1974.....	3,371,270	2,020,081	1,067,098	288,737	1,116,424	849,794	380,541	195,125
1975.....	2,560,883	1,522,900	811,014	193,104	1,080,024	704,911	345,658	168,193
1976.....	3,203,242	1,923,759	1,292,185	233,193	1,270,300	912,996	576,640	166,459
1977.....	3,357,995	2,141,623	1,582,768	447,846	1,544,023	1,159,329	787,263	438,019
1978.....	3,873,623	2,549,170	1,872,359	666,727	1,678,678	1,360,245	988,779	444,708
1979.....	4,637,662	3,177,893	2,318,006	794,465	1,681,036	1,322,484	969,208	509,460
1980.....	5,035,688	3,437,303	2,551,625	920,453	1,844,484	1,416,321	1,092,648	696,597
1981.....	4,138,902	2,639,578	1,817,256	489,881	1,717,844	1,346,494	956,199	544,388
1982.....	4,986,266	3,591,813	2,734,195	1,243,331	1,934,436	1,506,394	1,145,921	930,675
1983.....	5,935,986	4,241,717	3,093,509	1,510,394	2,268,706	1,956,269	1,830,375	1,609,543
1984.....	3,079,963	1,933,652	1,213,068	347,853	1,832,904	1,317,558	932,007	375,370
1985 <sup>4</sup> .....	4,296,175	2,828,763	2,004,109	.....	1,560,171	1,131,736	827,701	.....

<sup>1</sup> Prior to 1976, estimates are for July 1.<sup>2</sup> Old crop only.<sup>3</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 40.—Corn: Supply and disappearance, United States, 1970-84

Year beginning October	Supply				Disappearance				Ending stocks Sept. 30			
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Privately held <sup>1</sup>	Government <sup>2</sup>	Total
					Feed and residual	Food, alcohol, and seed	Total					
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1970.....	1,005	4,152	4	5,161	3,592	385	3,977	517	4,494	562	105	667
1971.....	667	5,646	1	6,314	3,982	409	4,391	796	5,187	967	160	1,127
1972.....	1,127	5,580	1	6,708	4,292	450	4,742	1,258	6,000	629	79	708
1973.....	708	5,671	1	6,380	4,181	472	4,653	1,243	5,896	477	7	484
1974.....	484	4,701	2	5,187	3,180	497	3,677	1,149	4,826	361	0	361
1975.....	361	5,841	2	6,204	3,569	524	4,093	1,711	5,804	400	0	400
1976.....	400	6,239	2	6,691	3,571	550	4,121	1,684	5,805	886	0	886
1977.....	886	6,505	3	7,394	3,744	591	4,335	1,943	6,283	1,098	13	1,111
1978.....	1,111	7,268	1	8,380	4,322	621	4,943	2,133	7,076	1,204	100	1,304
1979.....	1,304	7,928	1	9,233	4,508	675	5,183	2,433	7,616	1,361	256	1,617
1980.....	1,617	6,639	1	8,257	4,133	735	4,868	2,355	7,223	796	238	1,034
1981.....	1,034	8,119	1	9,154	4,202	811	5,013	1,967	6,980	1,872	302	2,174
1982.....	2,174	8,235	1	10,410	4,522	898	5,420	1,870	7,290	1,954	1,166	3,120
1983.....	3,120	4,175	2	7,297	3,736	973	4,709	1,865	6,574	389	334	723
1984 <sup>2</sup> .....	723	7,656	3	8,382	4,150	1,050	5,200	1,950	7,150	.....	.....	1,232

<sup>1</sup> Includes total Government loans (original and resale).<sup>2</sup> Preliminary.

Economic Research Service.

Table 41.—Corn: Area, yield, and production, by States, 1982-84

State	Area planted for all purposes			Corn for grain								
				Area harvested			Yield per harvested acre			Production		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	450	350	450	380	305	385	66.0	59.0	65.0	25,080	17,995	25,025
Ariz.....	30	25	32	18	17	26	132.0	136.0	140.0	2,376	2,312	3,640
Ark.....	40	40	55	30	33	49	90.0	80.0	95.0	2,700	2,640	4,655
Calif.....	550	440	570	330	260	375	130.0	128.0	136.0	42,900	33,280	51,000
Colo.....	980	780	840	790	610	680	129.0	122.0	134.0	101,910	74,420	91,120
Conn. <sup>2</sup>	62	60	64									
Del.....	188	155	160	177	145	150	102.0	75.0	110.0	18,054	10,875	16,500
Fla.....	265	168	250	210	122	210	66.0	67.0	65.0	13,860	8,174	13,650
Ga.....	900	830	1,080	815	735	985	85.0	75.0	82.0	69,275	55,125	80,770
Idaho.....	152	145	165	71	65	75	120.0	119.0	118.0	8,520	7,735	8,850
Ill.....	11,700	8,200	11,200	11,440	7,900	10,940	131.0	79.0	114.0	1,498,640	624,100	1,247,160
Ind.....	6,450	4,900	6,200	6,270	4,670	6,030	126.0	73.0	117.0	790,020	340,910	705,510
Iowa.....	13,750	9,100	13,400	13,150	8,550	12,900	120.0	87.0	112.0	1,578,000	743,850	1,444,800
Kans.....	1,400	1,140	1,050	1,220	920	870	114.0	93.0	125.0	139,080	85,560	108,750
Ky.....	1,680	1,230	1,650	1,490	960	1,460	103.0	48.0	100.0	153,470	46,080	146,000
La.....	55	70	95	40	56	82	80.0	90.0	115.0	3,200	5,040	9,430
Maine <sup>2</sup>	42	40	42									
Md.....	750	650	685	640	545	590	103.0	68.0	118.0	65,920	37,060	69,620
Mass. <sup>2</sup>	46	43	45									
Mich.....	3,150	2,200	3,050	2,740	1,800	2,620	107.0	92.0	84.0	293,180	165,600	220,080
Minn.....	7,300	5,100	7,250	6,500	4,370	6,440	113.0	84.0	107.0	734,500	367,080	689,080
Miss.....	150	100	120	90	55	70	62.0	64.0	70.0	5,580	3,520	4,900
Mo.....	2,130	1,700	2,100	1,970	1,430	1,930	101.0	51.0	80.0	198,970	72,930	154,400
Mont.....	80	65	90	14	13	15	100.0	105.0	92.0	1,400	1,365	1,380
Nebr.....	7,300	5,300	7,400	6,800	4,850	6,950	110.0	97.0	115.0	748,000	470,450	799,250
N.H. <sup>2</sup>	26	26	27									
N.J.....	152	125	140	114	90	109	100.0	68.0	107.0	11,400	6,120	11,663
N.Mex.....	90	70	78	65	50	59	125.0	140.0	150.0	8,125	7,000	8,850
N.Y.....	1,410	1,200	1,350	765	600	660	92.0	90.0	93.0	70,380	54,000	61,380
N.C.....	1,740	1,500	1,800	1,570	1,280	1,820	99.0	60.0	90.0	155,430	76,800	145,800
N. Dak.....	890	720	970	520	435	630	68.0	67.0	66.0	35,360	29,145	41,580
Ohio.....	4,280	3,080	4,150	4,000	2,800	3,900	114.0	80.0	118.0	456,000	224,000	460,200
Okl.....	80	65	75	45	37	50	100.0	112.0	105.0	4,500	4,144	5,250
Oreg.....	70	65	75	39	33	42	160.0	162.0	159.0	6,240	5,346	6,678
Pa.....	1,820	1,600	1,780	1,300	1,050	1,350	97.0	69.0	110.0	126,100	72,450	148,500
R.I. <sup>2</sup>	4	4	4									
S.C.....	430	320	490	380	275	447	88.0	62.0	78.0	33,440	17,050	34,866
S. Dak.....	3,400	2,450	3,400	2,690	1,970	2,780	72.0	53.0	67.0	193,680	104,410	186,260
Tenn.....	800	650	850	630	480	690	90.0	48.0	95.0	56,700	23,040	65,550
Tex.....	1,200	1,150	1,680	1,140	1,080	1,550	105.0	97.0	93.0	119,700	104,760	144,150
Utah.....	90	80	82	17	14	16	118.0	110.0	118.0	2,006	1,540	1,888
Vt. <sup>2</sup>	108	108	113									
Va.....	835	610	750	620	340	540	101.0	48.0	104.0	62,620	16,320	56,160
Wash.....	220	160	200	160	110	150	150.0	160.0	155.0	24,000	17,600	23,250
W. Va.....	120	103	115	80	60	81	98.0	78.0	100.0	7,840	4,680	8,100
Wis.....	4,400	3,190	4,150	3,350	2,300	3,250	108.0	97.0	106.0	361,800	223,100	344,500
Wyo.....	92	110	112	49	68	60	105.0	104.0	100.0	5,145	7,072	6,000
U.S.....	81,857	60,217	80,434	72,719	51,483	71,816	113.2	81.1	106.6	8,235,101	4,174,678	7,656,195

<sup>1</sup> Preliminary.<sup>2</sup> All acreage harvested is for silage.

Statistical Reporting Service.

Table 42.—Corn: Utilization for silage and forage, by States, 1982-84

State	Silage									Forage area harvested <sup>1</sup>		
	Area harvested			Yield per acre			Production					
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres
Ala.....	47	30	42	12.0	11.0	10.5	564	330	441	9	8	10
Ariz.....	12	8	6	23.0	24.0	25.0	276	192	150			
Ark.....	6	4	4	13.0	8.0	11.0	78	32	44	2	2	1
Calif.....	213	175	190	21.5	21.0	21.0	4,580	3,675	3,990	7	5	5
Colo.....	178	160	157	21.5	21.0	22.0	3,827	3,360	3,454	2	1	1
Conn.....	55	53	56	17.5	16.5	17.5	963	875	980			
Del.....	10	8	8	15.0	14.0	16.0	150	112	128	1	1	1
Fla.....	29	28	20	15.0	14.5	13.5	435	406	270	18	12	15
Ga.....	64	63	56	14.5	15.0	14.0	928	945	784	14	13	14
Idaho.....	79	78	88	22.0	21.0	21.0	1,738	1,638	1,848	1	1	1
Ill.....	220	250	220	16.5	11.5	14.0	3,630	2,875	3,080	10	10	10
Ind.....	163	170	136	17.0	11.0	16.0	2,771	1,870	2,176	4	16	10
Iowa.....	520	520	395	15.8	12.0	15.0	8,216	6,240	5,925	20	15	15
Kans.....	155	169	155	15.5	11.0	15.5	2,403	1,859	2,403	8	15	10
Ky.....	168	234	170	16.5	9.0	15.0	2,772	2,106	2,550	10	16	8
La.....	10	10	11	13.0	15.0	13.0	130	150	143	2	3	1
Maine.....	33	32	34	15.0	16.5	13.0	495	528	442			
Md.....	104	98	92	15.0	11.0	16.0	1,560	1,078	1,472	5	3	2
Mass.....	39	39	40	17.0	17.0	15.5	663	663	620			
Mich.....	390	380	400	14.0	13.0	11.0	5,460	4,940	4,400	10	10	10
Minn.....	730	650	700	13.5	11.5	12.0	9,855	7,475	8,400	20	10	15
Miss.....	52	40	43	12.0	12.0	13.0	624	480	559	3	2	4
Mo.....	120	225	130	13.0	8.0	11.0	1,560	1,800	1,430	9	15	7
Mont.....	63	44	69	17.5	18.0	18.0	1,103	792	1,242	2	6	4
Nebr.....	440	400	365	14.5	14.0	14.0	6,380	5,600	5,110	10	10	15
N.H.....	23	23	24	18.0	17.5	16.0	414	403	384			
N.J.....	35	32	27	15.0	11.0	15.0	525	352	405	2	1	3
N. Mex.....	23	18	17	22.0	22.0	24.0	506	396	408	1	1	
N.Y.....	630	590	675	13.5	13.5	13.5	8,505	7,965	9,113	5	5	10
N.C.....	140	152	140	16.0	11.0	16.0	2,240	1,672	2,240	10	8	10
N. Dak.....	348	262	323	6.2	6.3	5.8	2,158	1,651	1,873	12	11	13
Ohio.....	250	250	220	16.0	13.5	16.0	4,000	3,375	3,520	5	10	10
Okla.....	30	26	23	14.0	17.0	18.0	420	442	414	2	1	1
Oreg.....	28	29	30	23.0	24.0	24.0	644	696	720	2	2	2
Pa.....	490	530	420	15.2	10.5	16.5	7,448	5,565	6,930	11	5	5
R.I.....	4	4	4	17.0	18.0	19.0	68	72	76			
S.C.....	34	36	35	16.0	11.5	14.0	544	414	490	10	6	4
S. Dak.....	640	430	500	7.2	6.8	7.1	4,608	2,924	3,550	30	20	30
Tenn.....	150	145	135	16.5	12.5	17.0	2,475	1,813	2,295	6	10	10
Tex.....	38	50	55	18.0	14.5	20.0	684	725	1,100	5	6	30
Utah.....	69	61	62	20.0	20.0	20.5	1,380	1,220	1,271	2	2	2
Vt.....	93	94	97	14.5	14.5	14.0	1,349	1,363	1,358			
Va.....	210	255	200	16.0	10.0	15.0	3,360	2,550	3,000	3	10	4
Wash.....	60	50	50	22.0	23.0	23.0	1,320	1,150	1,150			
W. Va.....	37	40	31	16.5	13.5	17.0	611	540	527	2	2	2
Wis.....	980	830	830	12.9	12.5	12.5	12,642	10,375	10,375	30	24	30
Wyo.....	40	39	48	18.0	17.0	17.0	720	663	816	2	2	2
U.S.....	8,252	7,814	7,533	14.3	12.3	13.8	117,782	96,347	104,056	307	300	327

<sup>1</sup> Includes hogged or grazed and that cut and fed without removing grain.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 43.—Corn for grain: Season average price and value, by States, crop of 1982, 1983, and 1984

State	Season average price per bushel <sup>1</sup>			Value of production <sup>1</sup>		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	2.70	3.55	2.95	67,716	63,882	73,824
Ariz.....	3.24	3.79	3.15	7,698	8,762	11,466
Ark.....	2.63	3.45	2.90	7,101	9,108	13,500
Calif.....	3.42	4.05	3.40	146,718	134,784	173,400
Colo.....	2.78	3.17	2.70	283,310	235,911	246,024
Del.....	2.56	3.76	3.00	46,218	40,890	49,500
Fla.....	2.45	3.80	3.05	33,957	31,061	41,633
Ga.....	2.62	3.64	3.15	181,501	200,655	254,426
Idaho.....	2.75	3.20	2.90	23,430	24,752	25,665
Ill.....	2.66	3.26	2.70	3,986,382	2,034,566	3,367,332
Ind.....	2.47	3.30	2.65	1,951,349	1,125,003	1,869,602
Iowa.....	2.75	3.11	2.55	4,339,500	2,313,374	3,684,420
Kans.....	2.76	3.25	2.90	383,861	278,070	315,375
Ky.....	2.57	3.54	2.85	394,418	163,123	416,100
La.....	2.70	3.60	3.45	8,640	18,144	32,534
Md.....	2.60	3.75	3.00	171,392	138,975	208,860
Mich.....	2.55	3.20	2.70	747,609	529,920	594,216
Minn.....	2.63	3.05	2.55	1,931,735	1,119,594	1,757,154
Miss.....	2.85	3.40	3.40	15,903	11,968	16,660
Mo.....	2.73	3.40	2.70	543,188	247,962	416,880
Mont.....	2.36	3.20	3.10	3,304	4,368	4,278
Nebr.....	2.85	3.12	2.70	2,131,800	1,467,804	2,157,975
N.J.....	2.69	3.64	2.90	30,666	22,277	33,823
N. Mex.....	2.91	3.36	2.90	23,644	23,520	25,665
N.Y.....	3.00	3.52	2.85	211,140	190,080	174,933
N.C.....	2.37	3.67	2.85	368,369	281,856	415,530
N. Dak.....	2.69	3.02	2.55	95,118	88,018	106,029
Ohio.....	2.56	3.29	2.60	1,167,360	736,960	1,196,520
Okla.....	2.99	3.60	3.35	13,455	14,918	17,588
Oreg.....	3.00	3.66	2.65	18,720	19,566	17,697
Pa.....	2.73	3.75	2.95	344,253	271,688	438,075
S.C.....	2.73	3.50	2.85	91,291	59,675	99,368
S. Dak.....	2.50	3.03	2.45	484,200	316,362	456,337
Tenn.....	2.67	3.65	2.95	151,389	84,096	193,373
Tex.....	3.09	3.39	3.05	369,873	355,136	439,658
Utah.....	3.10	3.71	3.00	6,219	5,713	5,664
Va.....	2.55	3.70	2.95	159,681	60,384	165,672
Wash.....	3.00	3.62	3.20	72,000	63,712	74,400
W. Va.....	2.62	3.31	2.80	20,541	15,491	22,680
Wis.....	2.74	3.15	2.65	991,332	702,765	912,925
Wyo.....	2.61	3.15	2.95	13,428	22,277	17,700
U.S.....	2.68	3.25	2.69	22,039,409	13,537,170	20,544,281

<sup>1</sup> Includes allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate, by states.

<sup>2</sup> Preliminary.

Statistical Reporting Service.



Table 44.—Corn: Area, yield per hectare, and production in specified countries, 1982/83-1984/85<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>
North and Central America:	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Canada.....	1,107	1,075	1,192	3.88	5.52	5.89	6,513	5,933	7,024
Costa Rica.....	55	62	61	1.45	1.55	1.61	80	96	95
Cuba.....	77	77	77	1.25	1.23	1.23	96	95	98
Dominican Republic.....	26	28	38	1.65	1.79	1.71	43	50	65
El Salvador.....	238	241	242	1.71	1.82	2.07	408	438	502
Guatemala.....	846	760	850	1.30	1.30	1.29	1,100	988	1,100
Haiti.....	200	200	200	0.90	0.95	0.98	180	190	195
Honduras.....	290	290	350	1.33	1.44	1.60	385	417	560
Jamaica.....	4	4	4	1.00	1.25	1.25	4	5	5
Mexico.....	6,000	6,500	6,200	1.17	1.43	1.53	7,000	9,300	9,500
Nicaragua.....	193	180	170	.94	1.17	1.18	182	210	200
Panama.....	59	69	75	1.05	1.00	1.07	62	69	80
Trinidad and Tobago.....	3	3	3	1.67	1.67	1.67	5	5	5
United States.....	29,429	20,835	29,063	7.11	5.09	6.69	209,181	106,042	194,478
Total.....	38,527	30,324	38,525				225,239	123,838	213,907
South America:									
Argentina.....	2,970	3,025	3,350	3.03	3.04	3.58	9,000	9,200	12,000
Bolivia.....	287	261	322	1.57	1.29	1.52	450	337	489
Brazil.....	11,050	12,700	12,000	1.76	1.65	1.67	19,500	21,000	20,000
Chile.....	118	138	140	4.34	4.71	4.64	512	650	650
Colombia.....	598	595	586	1.45	1.47	1.46	867	874	857
Ecuador.....	124	153	161	1.77	1.59	1.85	219	244	298
Guyana.....	5	5	5	1.00	1.00	1.00	5	5	5
Paraguay.....	350	370	400	1.33	1.14	1.13	465	420	450
Peru.....	347	340	390	1.80	1.74	1.85	625	592	720
Uruguay.....	100	83	110	.80	1.35	1.14	80	112	125
Venezuela.....	305	310	313	1.64	1.45	1.75	501	449	547
Total.....	16,254	17,880	17,777				32,224	33,883	36,141
Europe:									
Belgium-Luxembourg.....	7	5	6	7.43	7.80	7.17	52	39	43
France.....	1,646	1,684	1,728	6.32	6.20	5.90	10,400	10,440	10,195
Germany, Fed. Rep. of.....	160	169	182	6.59	5.53	5.64	1,054	934	1,026
Greece.....	163	171	205	8.89	9.06	9.72	1,449	1,550	1,982
Italy.....	1,011	986	968	6.77	6.76	7.05	6,847	6,669	6,828
Netherlands.....	1	1	1	1.00	1.00	1.00	1	1	1
Total EC.....	2,988	3,016	3,090				19,803	19,633	20,085
Austria.....	198	208	207	7.83	6.99	7.45	1,551	1,454	1,542
Portugal.....	352	311	319	1.20	1.36	1.51	421	424	483
Spain.....	418	354	436	5.57	5.09	5.75	2,330	1,803	2,505
Switzerland.....	20	19	18	8.65	7.32	7.00	173	139	126
Total Western Europe.....	3,976	3,908	4,070				24,278	23,453	24,741
Albania.....	92	87	90	3.72	4.21	4.00	342	366	360
Bulgaria.....	621	596	730	5.50	5.20	4.64	3,418	3,101	3,385
Czechoslovakia.....	183	203	195	5.14	3.56	4.82	941	722	940
German Dem. Rep.....	1	1	2	3.00	1.00	5.50	3	1	11
Hungary.....	1,134	1,098	1,135	6.88	5.95	5.90	7,800	6,528	6,700
Poland.....	16	17	20	4.25	3.77	2.50	68	64	50
Romania.....	2,764	2,935	2,900	4.57	4.08	4.42	12,620	11,982	12,825
Yugoslavia.....	2,246	2,264	2,330	4.95	4.71	4.83	11,126	10,719	11,265
Total Eastern Europe.....	7,057	7,201	7,402				36,318	33,483	35,536
Total Europe.....	11,033	11,109	11,472				60,596	56,936	60,277
Soviet Union (Europe and Asia)	4,161	3,900	3,900	3.24	3.08	3.21	13,500	12,000	12,500
Africa:									
Algeria.....	2	2	2	.50	.50	.50	1	1	1
Angola.....	600	600	600	.42	.46	.42	250	275	250
Benin.....	421	472	470	.65	.55	.60	273	258	280
Botswana.....	35	25	25	.14	.12	.04	5	3	1
Burkina Faso.....	135	105	100	0.82	0.62	0.70	111	65	70
Burundi.....	130	131	130	1.11	1.11	1.12	144	145	145
Cameroon.....	500	495	440	.84	.81	.98	420	400	430
Chad.....	15	15	15	1.67	1.73	1.33	25	26	20
Egypt.....	813	756	840	4.12	4.64	4.64	3,347	3,509	3,900
Ethiopia.....	750	741	700	2.01	2.16	1.86	1,509	1,600	1,800
Ghana.....	373	350	485	.84	.51	1.08	314	177	524
Ivory Coast.....	450	639	660	.95	.90	.94	428	576	620
Kenya.....	1,720	1,520	1,100	1.36	1.32	1.46	2,340	2,000	1,600
Lesotho.....	110	95	95	.76	.80	.91	83	76	86
Madagascar.....	116	144	120	.97	.80	.96	113	115	115

See footnotes at end of table.



Table 44.—Corn: Area, yield, and production in specified countries, 1982/83–1984/85<sup>1</sup>—Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Africa—Continued</b>									
Malawi.....	1,200	1,200	1,136	1.18	1.14	1.23	1,415	1,370	1,400
Mali.....	90	90	90	1.00	0.78	0.81	90	70	73
Morocco.....	400	435	384	.62	.59	.61	247	258	234
Mozambique.....	600	600	600	.45	.33	.36	270	200	225
Nigeria.....	1,970	1,890	1,975	1.01	.88	.91	1,985	1,660	1,800
Rwanda.....	80	82	83	1.09	1.07	.78	87	88	65
Senegal.....	86	71	83	.95	.86	1.19	82	61	99
Somali, Dem. Rep.....	153	155	160	.98	1.00	1.06	150	155	170
South Africa.....	4,065	3,953	3,887	1.00	1.11	1.82	4,083	4,387	7,084
Swaziland.....	60	50	65	1.05	.90	1.69	63	45	110
Tanzania.....	1,350	1,350	1,250	1.15	1.01	.91	1,549	1,363	1,131
Tunisia.....	0	1	1	.....	1.00	1.00	0	1	1
Uganda.....	280	340	300	1.05	1.32	1.00	293	450	300
Zambia.....	539	510	475	1.86	1.80	1.84	1,000	920	872
Zaire.....	726	725	725	.73	.70	.72	527	510	525
Zimbabwe.....	1,340	1,582	1,400	.76	.95	1.86	1,023	1,501	2,600
Total.....	19,109	19,124	18,396	.....	.....	.....	22,227	22,264	26,031
<b>Asia:</b>									
Afghanistan.....	469	460	465	1.71	1.70	1.72	801	780	800
Bhutan.....	55	15	15	1.09	1.00	1.00	60	15	15
Burma.....	179	180	180	1.30	1.11	1.11	232	200	200
Kampuchea.....	100	95	95	1.10	1.00	1.00	110	95	95
China.....	18,509	18,824	18,500	3.26	3.62	3.91	60,295	68,210	72,355
Taiwan.....	43	51	60	3.35	3.04	3.00	144	155	180
India.....	5,720	5,888	5,800	1.15	1.35	1.24	6,594	7,924	7,200
Indonesia.....	2,061	3,019	2,900	1.57	1.69	1.79	3,235	5,095	5,200
Iran.....	46	46	45	.16	1.96	1.11	28	90	50
Iraq.....	35	35	35	2.86	2.57	2.57	100	90	90
Israel.....	10	5	10	2.80	2.40	2.50	28	12	25
Japan.....	1	1	1	3.00	3.00	3.00	3	3	3
Jordan.....	1	1	1	1.00	1.00	1.00	1	1	1
Korea, Dem. Peo. Rep. of.....	400	400	400	5.68	5.75	5.75	2,270	2,300	2,300
Korea, Rep. of.....	28	28	30	4.18	3.61	4.53	117	101	133
Lebanon.....	2	2	2	1.00	1.00	1.00	2	2	2
Malaysia.....	14	14	15	1.43	1.57	1.60	20	22	24
Nepal.....	454	445	450	1.58	1.70	1.67	718	758	750
Pakistan.....	790	798	809	1.27	1.27	1.27	1,005	1,013	1,030
Philippines.....	3,157	3,270	3,380	.99	1.02	1.00	3,126	3,346	3,373
Saudi Arabia.....	3	3	3	1.33	1.67	1.67	4	5	5
Syria.....	22	19	35	2.23	1.42	1.43	49	27	50
Thailand.....	1,850	1,900	2,000	1.86	2.10	2.25	3,450	4,000	4,500
Turkey.....	580	550	580	2.34	2.69	2.59	1,360	1,480	1,500
Vietnam, Soc. Rep. of.....	379	400	400	1.28	1.25	1.25	487	500	500
Yemen (Sana).....	38	38	35	1.55	.84	1.14	59	32	40
Total.....	34,946	36,487	36,246	.....	.....	.....	84,253	96,256	100,421
<b>Oceania:</b>									
Australia.....	54	68	99	2.57	3.50	2.40	139	238	238
New Zealand.....	22	22	22	8.00	9.05	8.32	176	199	183
Total.....	76	90	121	.....	.....	.....	315	437	421
World total.....	124,166	119,014	126,437	.....	.....	.....	438,354	345,614	449,698

<sup>1</sup> Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1982 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1982 and ends early in 1983.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 45.—Corn: Price-support operations, United States, 1970–85

Year beginning October	Support price				Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC Sept. 30
	Per bushel		Percentage of parity <sup>1</sup>		Quantity	Percent- age of production		
	Loan	Target	Loan	Target				
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1970.....	1.05		59		324	7.7	7	<sup>4</sup> 97
1971.....	1.05		56		955	16.9	35	<sup>4</sup> 156
1972.....	1.05		52		420	7.5	1	<sup>4</sup> 4
1973.....	1.05		45		262	4.6		
1974.....	1.10	1.38	40	51	77	1.7		
1975.....	1.10	1.38	35	45	148	2.6		
1976.....	1.50	1.57	43	46	276	4.4		
1977.....	2.00	2.00	58	58	1,159	18.0	12	13
1978.....	2.00	2.10	53	56	641	9.0	81	100
1979.....	2.10	2.20	50	52	557	7.0	160	256
1980.....	<sup>5</sup> 2.25-2.40	<sup>6</sup> 2.35-2.05	48-52	51-44	840	12.6	1	238
1981.....	<sup>5</sup> 2.40-2.55	2.40	49-52	49	1,978	24.1	172	302
1982.....	<sup>5</sup> 2.55-2.90	2.70	50-57	53	1,579	18.9	<sup>7</sup> 349	<sup>7</sup> 1,150
1983.....	2.65	2.86	51	55	<sup>8</sup> 162	3.9	3	<sup>8</sup> 201
1984.....	2.55	3.03	48	57	<sup>8</sup> 1,100	14.4	<sup>8</sup> 105	<sup>8</sup> 265
1985.....	2.55	3.03						

<sup>1</sup> Percentage of parity price as of the beginning of the marketing year. <sup>2</sup> Represents loans made, purchases, and purchase agreements entered into. Percentage of production is on a grain basis. <sup>3</sup> Includes deliveries from original program, the resale program and over-deliveries as determined by weight of farm-stored grain when delivered to CCC. For 1979, acquired through direct purchases by CCC. <sup>4</sup> Uncommitted CCC inventory. <sup>5</sup> Smaller value is regular loan; larger value is loan rate for crops in the farmer-owned reserve. <sup>6</sup> Producers who exceed their NCA will be eligible for the Lower Target price. <sup>7</sup> Includes Payment-In-Kind purchases. <sup>8</sup> Preliminary.  
Agricultural Stabilization and Conservation Service.

Table 46.—Corn: United States exports (domestic), by country of destination, 1982 and 1983

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1982	1983		1982	1983
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Corn:			China.....	2,160,568	0
Canada.....	249,761	165,770	Korea, Rep. of.....	3,904,414	2,971,212
Mexico.....	3,987,336	2,805,656	Taiwan.....	3,000,441	2,694,380
Venezuela.....	892,271	1,139,602	Japan.....	13,178,751	13,775,080
Peru.....	352,666	228,343	Other Asia.....	424,697	150,907
Brazil.....	0	129,081	Total Asia.....	22,668,871	19,591,599
Chile.....	197,005	77,959	Egypt.....	1,515,854	1,302,751
Other Americas.....	929,502	872,755	Nigeria.....	80,564	88,246
Total Americas.....	6,608,541	5,419,166	Other Africa.....	892,739	3,606,544
EC.....	4,098,864	3,927,129	Total Africa.....	2,489,157	4,997,541
Spain.....	2,132,394	1,972,259	Other Countries.....	2,187,248	1,831,971
Portugal.....	2,208,033	2,083,858	World Total.....	47,105,492	46,985,210
Other Western Europe.....	297,153	175,913	Relief or charity <sup>2</sup> .....	17,237	50,749
Total W. Europe.....	8,736,444	8,159,159			
E. Germany.....	725,357	508,209			
Poland.....	505,140	151,464			
Soviet Union.....	3,082,367	6,282,510			
Other E. Europe.....	102,367	43,607			
Total E. Europe and Soviet Union.....	4,415,231	6,985,790			

<sup>1</sup> Year beginning Oct. 1. <sup>2</sup> Included in world total by country of destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 47.—Oats: Area, yield, production, disposition, and value, United States, 1970-84

Year	Area		Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers <sup>2</sup>	Value of production <sup>2</sup>
	Planted <sup>1</sup>	Harvested						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1970.....	24,410	18,594	49.2	915,236	561,303	353,933	0.623	582,225
1971.....	21,831	15,705	55.9	878,079	539,095	338,984	.604	543,715
1972.....	19,990	13,410	51.5	690,616	428,465	262,151	.724	507,202
1973.....	18,605	13,770	47.9	659,136	403,507	255,629	1.18	774,715
1974.....	17,013	12,608	47.6	600,655	389,016	211,639	1.53	912,010
1975.....	16,434	13,038	49.0	638,960	395,164	243,796	1.45	923,568
1976.....	16,620	11,834	45.7	540,441	350,349	190,092	1.56	835,180
1977.....	17,732	13,485	55.8	752,774	457,385	295,389	1.09	823,368
1978.....	16,407	11,126	52.3	581,657	365,615	216,042	1.20	638,625
1979.....	13,960	9,682	54.4	526,748	( <sup>3</sup> )	( <sup>3</sup> )	1.36	713,534
1980.....	13,381	8,657	53.0	458,792	( <sup>3</sup> )	( <sup>3</sup> )	1.79	812,741
1981.....	13,632	9,407	54.2	509,529	( <sup>3</sup> )	( <sup>3</sup> )	1.89	954,474
1982.....	13,951	10,258	57.8	592,630	( <sup>3</sup> )	( <sup>3</sup> )	1.49	883,167
1983.....	20,289	9,072	52.6	476,961	( <sup>3</sup> )	( <sup>3</sup> )	1.67	794,520
1984 <sup>4</sup> .....	12,364	8,123	58.1	471,921	( <sup>3</sup> )	( <sup>3</sup> )	1.72	807,679

<sup>1</sup> Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall.<sup>2</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.<sup>3</sup> Estimates discontinued.<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 48.—Oats: Stocks on and off farms, United States, 1970-84

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1970.....	857,908	710,715	509,312	315,933	246,292	210,771	199,540	200,822
1971.....	810,818	691,350	506,509	336,119	280,502	250,581	228,710	204,940
1972.....	681,046	558,177	378,809	229,986	249,036	220,117	206,575	180,974
1973.....	605,348	472,186	287,063	150,114	198,719	161,692	147,527	103,745
1974.....	497,668	380,064	233,313	119,303	155,720	122,512	89,865	65,307
1975.....	485,856	398,688	247,174	158,541	130,775	94,092	70,101	46,277
1976.....	417,306	337,132	210,649	128,692	112,445	73,477	47,459	35,603
1977.....	564,095	485,267	360,516	259,548	115,459	82,707	61,317	53,556
1978.....	530,881	465,769	317,307	229,267	115,008	81,016	64,291	50,703
1979.....	465,607	400,817	284,280	198,312	102,310	76,007	55,324	38,096
1980.....	395,400	329,395	211,841	148,927	89,342	61,720	44,393	28,027
1981.....	384,681	314,132	199,279	127,119	73,745	51,101	36,172	24,813
1982.....	462,795	378,834	259,043	181,178	95,287	74,462	59,972	38,650
1983.....	426,127	322,352	226,715	151,247	79,090	56,404	43,300	29,815
1984 <sup>3</sup> .....	397,368	299,440	211,193	146,112	76,540	57,727	44,676	33,432

<sup>1</sup> Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July 1.<sup>2</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 49.—Oats: Supply and disappearance, United States, 1970-84

Year beginning June	Supply				Disappearance					Ending stocks May 31		
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Privately held <sup>1</sup>	Government	Total
					Feed and residual	Food and seed	Total					
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1970.....	548	915	2	1,465	779	97	876	19	895	427	143	570
1971.....	570	878	3	1,451	738	95	833	21	854	413	184	597
1972.....	597	691	3	1,291	716	93	809	19	828	305	158	463
1973.....	463	659	( <sup>2</sup> )	1,123	669	89	758	57	815	213	95	308
1974.....	308	601	( <sup>2</sup> )	909	580	86	666	19	685	166	58	224
1975.....	224	639	1	864	558	87	645	14	659	180	25	205
1976.....	205	540	1	746	484	88	572	10	582	164	0	164
1977.....	164	753	2	919	509	85	594	12	606	313	0	313
1978.....	313	582	1	896	526	77	603	13	616	277	3	280
1979.....	280	527	1	808	492	76	568	4	572	233	3	236
1980.....	236	459	1	696	432	74	506	13	519	175	2	177
1981.....	177	510	2	689	454	76	530	7	537	151	1	152
1982.....	152	593	4	749	441	85	526	3	529	219	1	220
1983.....	220	477	30	727	466	78	544	2	546	179	2	181
1984 <sup>3</sup> .....	181	472	30	683	428	74	502	1	503	.....	.....	180

<sup>1</sup> Includes total Government loans (original and resale).<sup>2</sup> Less than 500,000 bushels.<sup>3</sup> Preliminary.

Economic Research Service.

Table 50.—Oats: Price-support operations, United States 1970-85

Year beginning July <sup>1</sup>	Support price				Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC June 30 <sup>1</sup>
	Per bushel		Percentage of parity <sup>2</sup>		Quantity	Percentage of production		
	Loan	Target	Loan	Target				
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1970.....	0.63	.....	66	.....	108.8	11.9	26.6	<sup>5</sup> 168.9
1971.....	.54	.....	55	.....	81.9	9.3	.7	<sup>5</sup> 178.1
1972.....	.54	.....	54	.....	31.8	4.6	.....	<sup>5</sup> 104.9
1973.....	.54	.....	48	.....	10.4	1.6	.....	<sup>5</sup> 23.9
1974.....	.54	.....	43	.....	3.9	.6	.....	<sup>5</sup> 5.8
1975.....	.54	.....	38	.....	3.9	.6	.....	.....
1976.....	.72	.....	45	.....	4.6	.8	.....	.....
1977.....	1.03	.....	59	.....	82.9	11.0	.....	.....
1978.....	1.03	.....	54	.....	25.1	4.2	1.3	2.7
1979.....	1.08	.....	50	.....	12.0	2.2	.2	2.7
1980.....	<sup>6</sup> 1.16-1.23	.....	50-53	.....	6.3	1.4	.....	2.3
1981.....	<sup>6</sup> 1.24-1.31	.....	47-50	.....	9.7	1.9	.4	.7
1982.....	<sup>6</sup> 1.31-1.49	1.50	47-53	54	9.2	1.5	.7	.7
1983.....	1.36	1.60	46	54	3.6	.8	<sup>7</sup> 1	<sup>7</sup> 1.5
1984.....	1.31	1.60	42	52	<sup>6</sup> 3.5	<sup>7</sup> .7	0	<sup>7</sup> 2.0
1985 <sup>7</sup> .....	1.31	1.60	.....	.....	.....	.....	.....	.....

<sup>1</sup> Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.<sup>3</sup> Includes loans made, purchases, and purchase agreements entered into. Higher figure denotes reserve loan rate.<sup>4</sup> Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.<sup>5</sup> Uncommitted CCC inventory.<sup>6</sup> Smaller value is regular loan; larger value is loan rate for crops in the farmer-owned reserve.<sup>7</sup> Preliminary.

Agricultural Stabilization and Conservation Service.



Table 51.—Oats: Area, yield, and production, by States, 1982-84

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	85	80	80	40	40	30	52.0	49.0	48.0	2,080	1,960	1,440
Ark.....	45	60	50	33	50	28	70.0	72.0	70.0	2,310	3,600	1,960
Calif.....	310	310	320	50	45	50	67.0	65.0	69.0	3,350	2,925	3,450
Colo.....	90	115	130	40	42	50	52.0	57.0	55.0	2,080	2,394	2,750
Ga.....	160	155	125	90	85	60	61.0	61.0	55.0	5,490	5,185	3,300
Idaho.....	66	69	75	46	48	44	69.0	76.0	68.0	3,174	3,648	2,992
Ill.....	330	2,100	375	200	210	165	59.0	60.0	65.0	11,800	12,600	10,725
Ind.....	145	380	120	105	80	80	64.0	57.0	62.0	6,720	4,560	4,960
Iowa.....	1,350	4,700	1,300	950	750	740	57.0	51.0	64.0	54,150	38,250	47,360
Kans.....	215	145	175	172	105	120	47.0	48.0	53.0	8,084	5,040	6,360
Ky.....	31	28	25	7	7	6	44.0	44.0	42.0	308	308	252
Maine.....	47	42	47	44	38	40	60.0	62.0	56.0	2,640	2,356	2,240
Md.....	19	17	18	16	14	15	58.0	56.0	57.0	928	784	855
Mich.....	475	450	370	450	300	350	63.0	52.0	62.0	28,350	15,600	21,700
Minn.....	1,700	2,800	1,500	1,530	1,350	1,200	64.0	57.0	65.0	97,920	76,950	78,000
Mo.....	120	110	65	78	54	33	42.0	47.0	48.0	3,276	2,538	1,584
Mont.....	260	210	220	150	120	105	51.0	44.0	37.0	7,650	5,280	3,885
Nebr.....	560	670	420	460	310	300	58.0	44.0	50.0	26,680	13,640	15,000
N.J.....	8	6	7	7	5	6	54.0	51.0	56.0	378	255	336
N.Y.....	320	260	230	280	200	180	65.0	57.0	58.0	18,200	11,400	10,440
N.C.....	155	140	125	75	70	68	59.0	56.0	58.0	4,425	3,920	3,944
N. Dak.....	1,200	1,500	1,150	1,050	1,260	980	53.0	50.5	51.0	55,650	63,630	49,980
Ohio.....	380	450	250	340	240	220	69.0	64.0	60.0	23,460	15,360	13,200
Okla.....	190	150	190	90	80	80	38.0	49.0	46.0	3,420	3,920	3,680
Oreg.....	135	115	115	85	75	75	75.0	80.0	88.0	6,375	6,000	6,600
Pa.....	360	330	300	335	300	280	59.0	54.0	57.0	19,765	16,200	15,960
S.C.....	80	64	70	50	40	40	56.0	53.0	58.0	2,800	2,120	2,320
S. Dak.....	2,350	2,000	1,700	2,130	1,650	1,550	58.0	48.0	56.0	123,540	79,200	86,800
Tenn.....	40	35	30	8	7	5	47.0	44.0	47.0	376	308	235
Utah.....	1,300	1,400	1,500	290	500	250	48.0	48.0	35.0	10,730	24,000	8,750
Wash.....	28	26	26	15	14	13	68.0	68.0	67.0	1,020	952	871
Va.....	48	47	40	17	22	12	48.0	50.0	47.0	816	1,100	564
Wash.....	68	75	75	30	33	30	62.0	63.0	68.0	1,860	2,079	2,040
W. Va.....	16	14	11	10	9	8	51.0	52.0	51.0	510	468	408
Wis.....	1,180	1,140	1,020	930	850	840	53.0	53.0	64.0	49,290	45,050	53,760
Wyo.....	85	96	110	55	69	70	55.0	49.0	46.0	3,025	3,381	3,220
U.S.....	13,951	20,289	12,364	10,258	9,072	8,123	57.8	52.6	58.1	592,630	476,961	471,921

<sup>1</sup> Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 52.—Oats and oatmeal: United States exports, by country of destination, 1982 and 1983 <sup>1</sup>

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1982	1983		1982	1983
	Metric tons	Metric tons		Metric tons	Metric tons
Oats:			Oatmeal: <sup>2</sup>		
Guatemala.....	2,271	855	Mexico.....	18	55
Nicaragua.....	3,643	2,428	Central America.....	379	825
Panama.....	1,970	1,227	Peru.....	2,667	80
Columbia.....	7,370	2,429	Ecuador.....	1,562	496
Venezuela.....	2,186	6,411	Bolivia.....	1,667	630
E. Europe, Soviet Union, and			Other Americas.....	1,388	1,619
Poland.....	11,599	3,635	Other countries.....	682	421
Other countries.....	9,032	14,516			
World total <sup>2</sup> .....	38,071	31,503	World total.....	8,363	4,126

<sup>1</sup> Year beginning Oct. 1.<sup>2</sup> Transshipments through Canada have been included in data for countries of ultimate destination.<sup>3</sup> In grain equivalent.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 53.—Oats: Season average price and value, by States, crop of 1982, 1983, and 1984

State	Season average price per bushel <sup>1</sup>			Value of production		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.....	1.95	1.45	1.60	4,056	2,842	2,304
Ark.....	1.92	1.81	2.00	4,435	6,516	3,920
Calif.....	2.23	2.09	2.15	7,471	6,113	7,418
Colo.....	1.79	1.90	1.80	3,723	4,549	4,950
Ga.....	1.56	1.48	1.70	8,564	7,674	5,610
Idaho.....	1.72	1.77	1.65	5,459	6,457	4,937
Ill.....	1.84	1.92	1.80	21,712	24,192	19,305
Ind.....	1.78	2.06	2.00	11,962	9,394	9,920
Iowa.....	1.59	1.80	1.95	86,099	68,850	92,352
Kans.....	1.70	1.85	1.90	13,743	9,324	12,084
Ky.....	2.90	2.30	2.40	893	708	605
Maine.....	1.33	1.45	1.50	3,511	3,416	3,360
Md.....	1.85	1.92	2.05	1,717	1,505	1,753
Mich.....	1.49	1.33	1.85	42,242	28,548	40,145
Minn.....	1.36	1.57	1.65	132,171	120,812	128,700
Mo.....	2.10	2.15	2.25	6,880	5,457	3,564
Mont.....	1.51	1.58	1.75	11,552	8,342	6,799
Nebr.....	1.45	1.69	1.70	38,686	23,052	25,500
N.J.....	2.04	2.28	1.75	771	581	588
N.Y.....	1.57	1.94	1.95	28,574	22,116	20,358
N.C.....	1.38	1.54	2.05	6,107	6,037	8,085
N. Dak.....	1.20	1.37	1.40	66,780	87,173	69,972
Ohio.....	1.49	1.89	2.05	34,955	29,030	27,060
Okla.....	2.15	1.85	1.90	7,353	7,252	6,992
Oreg.....	1.65	1.66	1.80	10,519	9,960	11,880
Pa.....	1.74	1.89	1.95	34,391	30,618	31,122
S.C.....	1.40	1.40	1.80	3,920	2,968	4,176
S. Dak.....	1.37	1.59	1.55	169,250	125,928	134,540
Tenn.....	2.30	2.15	2.40	865	662	564
Tex.....	2.12	1.78	2.05	22,748	42,720	17,938
Utah.....	1.85	1.97	1.90	1,887	1,875	1,655
Va.....	1.50	1.45	1.70	1,224	1,595	959
Wash.....	1.87	1.61	1.80	3,478	3,347	3,672
W. Va.....	1.50	1.65	1.75	765	772	714
Wis.....	1.62	1.74	1.65	79,850	78,387	88,704
Wyo.....	1.60	1.70	1.70	4,840	5,748	5,474
U.S.....	1.49	1.67	1.72	884,153	794,520	807,679

<sup>1</sup> Includes allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate, by states.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 54

<sup>1</sup> Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1982 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1982 and ends early in 1983.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 54.—Oats: Area, yield, and production in specified countries, 1982/83-1984/85<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	1,612	1,400	1,406	2.26	1.98	1.90	3,637	2,773	2,669
Mexico.....	70	100	100	1.00	1.00	1.00	70	100	100
United States.....	4,151	3,671	3,287	2.07	1.89	2.08	8,602	6,923	6,850
Total.....	5,833	5,171	4,793				12,761	9,801	9,629
South America:									
Argentina.....	408	414	381	1.56	1.43	1.60	637	593	610
Brazil.....	94	100	120	.65	1.02	1.08	61	102	130
Chile.....	85	96	105	1.72	1.70	1.67	146	163	175
Colombia.....	2	2	2	2.00	2.00	2.00	4	4	4
Ecuador.....	1	1	1	1.00	1.00	1.00	1	1	1
Uruguay.....	48	54	50	.71	0.93	0.92	34	50	46
Total.....	638	667	659				883	913	966
Europe:									
Belgium-Luxembourg.....	52	28	27	4.33	4.25	4.41	225	119	119
Denmark.....	43	29	31	4.14	2.97	4.84	178	86	150
France.....	518	436	443	3.48	3.20	4.24	1,802	1,395	1,876
Germany, Fed. Rep. of.....	888	729	669	4.25	3.41	4.44	3,777	2,489	2,973
Greece.....	52	48	44	1.58	1.12	1.64	82	54	72
Ireland.....	23	22	24	4.04	4.55	5.54	93	100	133
Italy.....	219	209	191	5.67	1.47	2.29	359	307	438
Netherlands.....	24	14	12	1.67	4.36	4.83	136	61	58
United Kingdom.....	130	108	107	4.42	4.32	5.14	575	466	550
Total EC.....	1,949	1,623	1,548				7,227	5,077	6,369
Austria.....	91	83	77	3.57	3.52	3.79	325	292	292
Finland.....	459	449	419	2.88	3.13	3.17	1,320	1,407	1,327
Norway.....	134	119	110	3.70	3.38	4.79	496	402	527
Portugal.....	170	191	185	.51	0.52	1.05	86	99	195
Spain.....	442	454	473	1.00	1.02	1.67	443	464	790
Sweden.....	477	404	433	3.49	3.14	4.44	1,663	1,268	1,924
Switzerland.....	14	11	10	4.29	4.73	5.30	60	52	53
Total Western Europe.....	3,736	3,334	3,255				11,620	9,061	11,477
Albania.....	20	20	20	1.50	1.50	1.50	30	30	30
Bulgaria.....	43	34	42	1.16	0.85	1.19	50	29	50
Czechoslovakia.....	172	154	129	2.35	3.08	3.76	404	475	485
German Dem. Rep.....	218	163	163	3.89	3.07	4.39	848	500	716
Hungary.....	50	47	40	2.50	2.51	3.25	125	118	130
Poland.....	1,086	1,042	934	2.40	2.28	2.78	2,608	2,377	2,600
Romania.....	88	70	75	1.03	1.14	1.33	91	80	100
Yugoslavia.....	176	168	156	1.53	1.48	1.56	269	248	244
Total Eastern Europe.....	1,853	1,698	1,559				4,425	3,857	4,355
Total Europe.....	5,589	5,032	4,814				16,045	12,918	15,832
Soviet Union (Europe and Asia) <sup>4</sup> .....	11,489	12,400	12,800	1.35	1.37	1.27	15,500	17,000	16,300
Africa:									
Algeria.....	113	103	129	.56	.48	.65	63	49	84
Morocco.....	69	49	55	1.07	.90	.80	74	44	44
South Africa.....	460	460	460	.20	.19	.19	92	86	86
Total.....	642	612	644				229	179	214
Asia:									
China.....	1,400	1,400	1,400	1.19	1.18	1.29	1,660	1,650	1,680
Japan.....	4	4	4	3.00	3.00	2.00	12	12	8
Turkey.....	175	170	165	1.89	1.88	2.92	330	320	315
Total.....	1,579	1,574	1,569				2,002	1,982	2,003
Oceania:									
Australia.....	1,212	1,772	1,189	.70	1.30	1.24	848	2,296	1,469
New Zealand.....	14	13	10	3.57	4.39	4.40	50	57	44
Total.....	1,226	1,785	1,199				898	2,353	1,513
World total.....	26,996	27,241	26,478				47,866	45,141	46,447

See footnotes on page 41.

Table 55.—Barley: Area, yield, production, disposition, and value, United States, 1970-84

Year	Area		Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers <sup>2</sup>	Value of production <sup>2</sup>
	Planted <sup>1</sup>	Harvested						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1970 .....	10,476	9,712	42.8	416,091	114,865	301,226	0.973	400,312
1971 .....	11,061	10,104	45.8	462,423	125,052	337,371	.993	457,558
1972 .....	10,567	9,645	43.7	421,719	109,480	312,239	1.21	505,222
1973 .....	11,045	10,295	40.5	417,434	109,068	308,366	2.14	881,569
1974 .....	8,713	7,930	37.7	298,669	81,564	217,105	2.81	821,639
1975 .....	9,373	8,617	44.0	379,162	101,667	277,495	2.42	905,923
1976 .....	9,301	8,439	45.4	383,007	101,454	281,553	2.25	852,256
1977 .....	10,778	9,728	44.0	427,784	115,948	311,836	1.78	760,043
1978 .....	9,989	9,248	49.2	454,759	120,321	334,438	1.92	871,070
1979 .....	8,116	7,527	50.9	383,201	( <sup>3</sup> )	( <sup>3</sup> )	2.29	872,308
1980 .....	8,320	7,260	49.7	361,135	( <sup>3</sup> )	( <sup>3</sup> )	2.84	1,016,842
1981 .....	9,618	9,038	52.4	473,512	( <sup>3</sup> )	( <sup>3</sup> )	2.44	1,154,497
1982 .....	9,549	9,013	57.2	515,935	( <sup>3</sup> )	( <sup>3</sup> )	2.22	1,143,209
1983 .....	10,422	9,731	52.3	508,925	( <sup>3</sup> )	( <sup>3</sup> )	2.50	1,268,906
1984 <sup>4</sup> .....	11,887	11,171	53.4	596,546	( <sup>3</sup> )	( <sup>3</sup> )	2.26	1,347,290

<sup>1</sup> Barley sown for all purposes, including barley sown in the preceding fall.<sup>2</sup> Includes allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate, by States, where applicable.<sup>3</sup> Estimates discontinued.<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 56.—Barley: Stocks on and off farms, United States, 1970-84

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1970 .....	305,992	238,143	141,748	30,534	183,833	142,192	115,019	74,845
1971 .....	317,366	255,212	165,647	106,920	171,130	136,904	117,985	67,818
1972 .....	321,090	245,864	160,937	88,699	131,967	115,568	97,340	73,788
1973 .....	283,472	206,423	121,011	54,961	137,576	113,558	93,823	63,926
1974 .....	176,641	125,032	62,975	29,582	126,165	102,728	71,227	45,642
1975 .....	214,939	161,797	98,652	63,693	126,963	113,508	86,360	64,666
1976 .....	213,370	157,605	92,152	52,959	152,354	117,511	97,316	73,448
1977 .....	270,105	221,954	150,128	105,682	139,334	110,266	89,043	67,377
1978 .....	342,521	277,020	198,700	149,428	129,612	114,165	97,753	78,615
1979 .....	311,704	246,489	166,089	112,430	150,319	119,210	96,271	79,701
1980 .....	249,915	185,787	113,503	74,489	142,735	117,842	89,994	62,836
1981 .....	298,703	227,437	144,947	92,110	148,001	101,895	79,394	55,687
1982 .....	348,598	289,864	195,732	136,771	147,507	124,225	98,198	79,926
1983 .....	343,884	244,915	169,362	117,024	171,630	122,682	99,563	72,395
1984 <sup>3</sup> .....	402,124	306,564	216,294	163,097	171,479	129,623	103,147	84,482

<sup>1</sup> Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July.<sup>2</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 57.—Barley: Supply and disappearance, United States, 1970-84

Year beginning June	Supply				Disappearance					Ending stocks May 31		
	Begin- ning stocks	Produc- tion	Imports	Total	Domestic use			Exports	Total disap- pearance	Private- ly held <sup>1</sup>	Govern- ment	Total
					Feed and residual	Food, alcohol, and seed	Total					
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1970 .....	269	416	10	695	289	138	427	84	511	160	24	184
1971 .....	184	462	12	658	269	139	409	41	450	171	37	208
1972 .....	208	422	17	647	242	142	384	71	455	190	2	192
1973 .....	192	417	9	618	236	143	379	93	472	146	0	146
1974 .....	146	299	20	465	184	147	331	42	373	92	0	92
1975 .....	92	379	16	487	188	147	335	24	359	128	0	128
1976 .....	128	383	11	522	174	156	330	66	396	126	0	126
1977 .....	126	428	9	563	178	155	333	57	390	173	0	173
1978 .....	173	455	11	639	217	168	385	26	411	226	2	228
1979 .....	228	383	12	623	204	172	376	55	431	189	3	192
1980 .....	192	361	10	563	174	175	349	77	426	134	3	137
1981 .....	137	474	10	621	198	175	373	100	473	145	3	148
1982 .....	148	516	11	675	240	171	411	47	458	211	6	217
1983 <sup>3</sup> .....	217	509	7	733	283	169	452	92	544	177	12	189
1984 <sup>2</sup> .....	189	597	10	796	299	172	471	77	548	.....	.....	248

<sup>1</sup> Includes Government loans (original and resale).<sup>2</sup> Preliminary.

Economic Research Service.

Table 58.—Barley: Area, yield, and production, by States, 1982-84

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ariz.....	42	32	55	38	27	53	100.0	104.0	101.0	3,800	2,808	5,353
Calif.....	700	560	540	620	490	460	62.0	60.0	63.0	38,440	29,400	28,980
Colo.....	225	232	350	215	220	325	74.0	75.0	62.0	15,910	16,500	20,150
Del.....	44	61	55	38	53	50	57.0	55.0	55.0	2,166	2,915	2,750
Idaho.....	1,150	1,050	1,370	1,100	1,030	1,340	69.0	65.0	66.0	75,900	66,950	88,440
Kans.....	70	100	110	57	90	95	43.0	51.0	43.0	2,451	4,590	4,085
Ky.....	37	34	40	30	25	30	47.0	33.0	37.0	1,410	825	1,110
Md.....	105	100	108	92	90	95	59.0	55.0	58.0	5,428	4,950	5,510
Mich.....	38	35	35	36	33	34	59.0	49.0	60.0	2,124	1,617	2,040
Minn.....	900	1,000	1,050	880	820	950	58.0	53.0	65.0	51,040	43,460	61,750
Mont.....	1,650	1,950	2,320	1,560	1,850	2,110	49.0	42.0	28.0	76,440	77,700	59,080
Nebr.....	25	75	88	22	69	78	50.0	39.0	33.0	1,100	2,691	2,574
Nev.....	35	37	40	32	34	37	80.0	80.0	90.0	2,560	2,720	3,330
N.J.....	28	25	21	17	17	15	63.0	53.0	55.0	1,071	901	825
N. Mex.....	47	27	25	37	23	20	66.0	75.0	75.0	2,442	1,725	1,500
N.C.....	77	55	70	65	45	64	52.0	49.0	63.0	3,380	2,205	4,032
N.Dak.....	2,000	2,600	2,950	1,950	2,520	2,900	53.0	45.5	53.0	103,350	114,660	153,700
Okla.....	35	40	70	29	34	50	38.0	44.0	41.0	1,102	1,496	2,050
Oreg.....	260	280	290	250	270	280	62.0	61.0	62.0	15,500	16,470	17,360
Pa.....	70	70	75	65	65	70	52.0	55.0	52.0	3,380	3,575	3,640
S.C.....	36	27	34	33	23	30	50.0	40.0	52.0	1,650	920	1,560
S.Dak.....	560	580	610	545	550	595	43.0	42.0	51.0	23,435	23,100	30,345
Tex.....	60	70	60	35	45	40	46.0	55.0	50.0	1,610	2,475	2,000
Utah.....	171	160	170	161	154	159	80.0	74.0	73.0	12,880	11,396	11,607
Va.....	124	124	120	100	100	96	57.0	59.0	60.0	5,700	5,900	5,760
Wash.....	850	880	1,000	810	850	980	61.0	64.0	65.0	49,410	54,400	63,700
W. Va.....	4	5	6	4	4	5	52.0	60.0	53.0	208	240	265
Wis.....	51	53	55	48	48	50	56.0	48.0	53.0	2,688	2,304	2,650
Wyo.....	155	160	170	144	152	160	65.0	66.0	65.0	9,360	10,032	10,400
U.S.....	9,549	10,422	11,887	9,013	9,731	11,171	57.2	52.3	53.4	515,935	508,925	596,546

<sup>1</sup> Relates to the total area of barley sown for all purposes, including barley sown in the preceding fall.<sup>2</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 60

<sup>1</sup> Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.<sup>2</sup> Percentage of parity price as of the beginning of the marketing year.<sup>3</sup> Represents loans made, purchases, and purchase agreements entered into.<sup>4</sup> Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-storage grain when delivered to CCC.<sup>5</sup> Uncommitted CCC inventory.<sup>6</sup> Smaller value is regular loan; larger value is loan rate for crops in the farmers-owned reserves.<sup>7</sup> Producers who exceed their NCA will be eligible for the lower target price.<sup>8</sup> Preliminary.

Agricultural Stabilization and Conservation Service.



**Table 59.—Barley: Season average price and value, by States, crop of 1982, 1983, and 1984**

State	Season average price per bushel <sup>1</sup>			Value of production <sup>1</sup>		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ariz.....	2.73	3.02	3.00	10,374	8,480	16,059
Calif.....	2.81	3.12	2.85	108,016	91,728	82,593
Colo.....	2.90	2.97	2.75	46,139	49,005	55,413
Del.....	1.80	1.95	2.20	3,899	5,684	6,050
Idaho.....	2.48	2.77	2.45	188,232	185,452	216,678
Kans.....	1.96	2.30	2.15	4,804	10,557	8,783
Ky.....	1.70	2.35	2.40	2,397	1,939	2,664
Md.....	1.95	2.01	2.25	10,585	9,950	12,398
Mich.....	2.39	2.85	2.50	5,076	4,608	5,100
Minn.....	2.04	2.34	2.00	104,122	101,696	123,500
Mont.....	2.08	2.40	2.50	158,995	186,480	147,700
Nebr.....	2.02	2.30	1.85	2,222	6,189	4,762
Nev.....	2.43	2.90	2.60	6,221	7,888	8,658
N.J.....	1.88	2.15	2.15	2,013	1,937	1,774
N. Mex.....	2.40	2.80	2.80	5,861	4,830	4,200
N.C.....	1.85	2.20	2.30	6,253	4,851	9,274
N. Dak.....	1.90	2.19	1.90	196,365	251,105	292,030
Okla.....	2.45	2.50	2.40	2,700	3,740	4,920
Oreg.....	2.22	2.59	2.35	34,410	42,657	40,796
Pa.....	1.95	2.20	2.45	6,591	7,865	8,918
S.C.....	1.80	2.30	2.45	2,970	2,116	3,822
S. Dak.....	1.87	2.24	1.90	43,823	51,744	57,656
Tex.....	2.30	2.52	2.65	3,703	6,237	5,300
Utah.....	2.31	2.80	2.45	29,753	31,909	28,437
Va.....	1.90	2.05	2.35	10,830	12,095	13,536
Wash.....	2.23	2.58	2.30	110,184	140,352	146,510
W. Va.....	2.20	2.30	2.45	458	552	649
Wis.....	2.12	2.50	2.20	5,699	5,760	5,830
Wyo.....	3.26	3.14	3.20	30,514	31,500	33,280
U.S.....	2.22	2.50	2.26	1,143,209	1,268,906	1,347,290

<sup>1</sup> Includes allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate by States.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 60.—Barley: Price-support operations. United States, 1970-85**

Year beginning July <sup>1</sup>	Support price				Put under support <sup>3</sup>			Owned by CCC June 30
	Per bushel		Percentage of parity <sup>2</sup>		Quantity	Percentage of production	Acquired by CCC under support program <sup>4</sup>	
	Loan	Target	Loan	Target				
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1970.....	0.83		57		27.6	6.7	0.9	<sup>5</sup> 28.9
1971.....	.81		53		88.9	19.2	.7	<sup>5</sup> 1.4
1972.....	.86		54		41.7	9.9		<sup>5</sup> 6
1973.....	.86		48		15.3	3.6		<sup>5</sup> 4
1974.....	.90	1.13	43	54	6.9	2.3		
1975.....	.90	1.13	36	45	9.2	2.5		
1976.....	1.22	1.28	44	46	19.2	5.2		
1977.....	1.63	2.15	54	71	86.7	20.6		
1978.....	1.63	2.25	50	69	67.6	15.1	2.5	2.5
1979.....	1.71	2.40	44	61	30.0	7.9	.8	3.2
1980.....	<sup>6</sup> 1.83-1.95	<sup>7</sup> 2.55-2.29	45-48	62-56	<sup>7</sup> 31.2	8.6	.1	3.4
1981.....	<sup>6</sup> 1.95-2.07	2.60	43-46	57	60.5	<sup>7</sup> 12.6	3.7	3.3
1982.....	<sup>6</sup> 2.08-2.37	2.60	44-50	55	92.6	17.9	4.4	6.0
1983.....	2.16	2.60	44	53	32.4	6.4	<sup>8</sup> 1.1	11.9
1984.....	2.08	2.60	42	52	<sup>8</sup> 55.0	<sup>8</sup> 9.0	<sup>8</sup> 2.0	<sup>8</sup> 12.0
1985.....	2.08	2.60						

See footnotes on page 45.

**Table 61.—Barley and malt: United States exports, by country of destination 1982 and 1983 <sup>1</sup>**

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1982	1983		1982	1983
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
<b>Barley:</b>			<b>Malt: <sup>3</sup></b>		
Mexico .....	276	253	Canada .....	666	617
Germany, Fed. Rep. of .....	0	4,444	Mexico .....	0	0
Italy .....	0		Costa Rica .....	23	6
Netherlands .....	10,944	33,469	Dominican Republic .....	8,256	7,526
Belgium and Luxembourg .....	114,019	255,927	Jamaica .....	7,959	5,222
Other Europe .....	44,455	97,001	Guyana .....	143	430
Japan .....	138,255	461,524	Peru .....	92	7,480
Other countries .....	550,791	1,195,010	Venezuela .....	3,278	1,500
			Other Americas .....	11,271	2,354
			Japan .....	11,386	48,573
			Other countries .....	518	874
World total <sup>2</sup> .....	858,740	2,047,628	World total .....	43,592	74,582

<sup>1</sup> Year beginning Oct. 1.<sup>2</sup> Transshipments through Canada have not been included in data for countries of ultimate destination.<sup>3</sup> In grain equivalent.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 62.—Barley: Area, yield, and production in specified countries, 1982/83–1984/85 <sup>1</sup>**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>
	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
<b>North America:</b>									
Canada .....	5,149	4,353	4,547	2.71	2.37	2.26	13,966	10,296	10,252
Mexico .....	240	250	260	1.33	1.64	1.61	320	410	420
United States .....	3,647	3,938	4,521	3.08	2.81	2.87	11,233	11,081	12,988
Total .....	9,036	8,541	9,328				25,519	21,787	23,660
<b>South America:</b>									
Argentina .....	119	96	126	1.77	1.73	1.97	211	166	248
Bolivia .....	84	55	82	.73	.51	.68	61	28	56
Brazil .....	167	122	74	.59	1.27	.95	98	155	70
Chile .....	57	33	33	2.07	2.24	2.27	118	74	75
Colombia .....	33	16	17	1.61	1.62	1.71	53	26	29
Ecuador .....	34	35	33	.94	.91	1.00	32	32	33
Peru .....	100	90	85	1.20	.89	1.06	120	80	90
Uruguay .....	32	68	84	1.47	1.54	1.55	47	105	130
Total .....	626	515	534				740	666	731
<b>Europe:</b>									
Belgium/									
Luxembourg .....	149	154	154	5.46	4.58	5.97	814	705	920
Denmark .....	1,485	1,359	1,191	4.28	3.26	5.10	6,357	4,423	6,072
France .....	2,388	2,143	2,114	4.20	4.11	5.51	10,036	8,865	
Germany, Fed. Rep. of .....	2,021	2,035	2,006	4.68	4.40	5.13	9,460	8,944	10,284
Greece .....	311	312	334	2.80	1.83	2.49	872	572	831
Ireland .....	334	304	294	4.58	4.31	5.27	1,530	1,310	1,548
Italy .....	352	383	434	3.01	3.07	3.73	1,060	1,174	1,618
Netherlands .....	44	37	34	5.61	4.78	5.65	247	177	192
United Kingdom .....	2,221	2,144	1,970	4.93	4.65	5.64	10,954	9,980	11,100
Total EC .....	9,305	8,871	8,531				41,330	36,088	44,211
Austria .....	340	340	329	4.22	4.26	4.61	1,436	1,449	1,517
Finland .....	540	550	526	2.96	3.21	3.28	1,599	1,764	1,724
Malta .....	1	1	1	2.00	2.00	2.00	2	2	2
Norway .....	170	181	190	3.67	3.14	3.68	623	569	700
Portugal .....	77	88	97	.66	.61	1.39	51	54	135
Spain .....	3,615	3,735	3,944	1.46	1.78	2.54	5,269	6,662	10,000
Sweden .....	635	618	639	3.74	3.29	4.23	2,378	2,026	2,702
Switzerland .....	48	51	52	4.92	4.71	6.00	236	240	312
Total Western Europe .....	14,731	14,435	14,309				52,924	48,854	61,303

See footnotes at end of table.

Table 62.—Barley: Area, yield, and production in specified countries, 1982/83–1984/85 <sup>1</sup>—Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe—Continued									
Albania .....	12	13	13	2.08	2.30	2.30	25	30	30
Bulgaria .....	352	323	360	4.08	3.33	4.03	1,436	1,046	1,450
Czechoslovakia .....	967	822	777	3.77	3.98	4.73	3,654	3,276	3,678
German Dem. Rep. ....	981	889	868	4.13	4.37	4.77	4,055	3,882	4,144
Hungary .....	262	277	275	3.38	3.64	5.09	885	1,007	1,400
Poland .....	1,236	1,099	1,054	2.95	2.97	3.40	3,647	3,262	3,583
Romania .....	943	741	925	3.24	2.96	3.78	3,052	2,193	3,500
Yugoslavia .....	284	280	271	2.36	2.36	2.56	669	661	694
Total Eastern Europe .....	5,037	4,444	4,543				17,423	15,357	18,479
Total Europe .....	19,768	18,879	18,852				70,347	64,211	79,782
Soviet Union (Europe and Asia) .....	29,706	31,700	30,500	1.38	1.70	1.38	41,000	54,000	42,100
Africa:									
Algeria .....	815	718	1,000	.59	.62	.60	483	444	600
Egypt .....	45	45	57	2.69	2.67	3.16	121	120	180
Ethiopia .....	900	900	850	1.22	1.22	1.21	1,100	1,100	1,025
Kenya .....	85	85	85	1.00	1.21	.82	85	103	70
Libya .....	280	280	280	.25	.27	.27	71	75	75
Morocco .....	2,047	2,151	2,126	1.14	.57	.66	2,334	1,228	1,405
South Africa .....	69	79	87	1.59	1.92	2.03	110	152	177
Tunisia .....	395	631	580	.86	.48	.54	339	303	312
Zimbabwe .....	8	4	4	4.12	3.50	3.50	33	14	14
Total .....	4,644	4,893	5,034				4,676	3,535	3,846
Asia:									
Afghanistan .....	320	350	350	1.09	1.04	1.04	350	365	365
Bangladesh .....	15	15	15	.67	.67	.67	10	10	10
Bhutan .....	10	10	10	1.00	1.00	1.00	10	10	10
China .....	2,550	2,550	2,550	2.71	2.71	2.20	6,900	6,895	5,610
Cyprus .....	53	46	50	1.91	1.74	2.00	101	80	100
India .....	1,728	1,483	1,376	1.15	1.25	1.30	1,993	1,867	1,787
Iran .....	1,400	1,387	1,400	1.00	1.01	.86	1,400	1,413	1,200
Iraq .....	1,110	1,217	450	.81	.69	.56	902	836	250
Israel .....	25	25	8	.80	.80	.63	20	20	5
Japan .....	123	124	117	3.17	3.06	3.39	390	380	396
Jordan .....	50	50	20	.40	.56	.20	20	28	4
Korea, Rep. of .....	317	322	338	2.36	2.53	2.38	749	815	804
Lebanon .....	6	7	7	.83	1.14	1.14	5	8	8
Nepal .....	27	27	27	.93	.93	.93	25	25	25
Pakistan .....	222	263	250	.71	.71	.80	157	185	200
Saudi Arabia .....	7	7	7	1.71	1.71	1.71	12	12	12
Syria .....	1,589	1,520	1,270	.42	.69	.24	661	1,043	303
Turkey .....	3,137	2,900	3,000	2.04	1.86	2.00	6,400	5,400	6,000
Yemen, Arab Rep. (Sana) .....	52	52	52	1.02	.19	.77	53	10	40
Total .....	12,741	12,355	11,297				20,158	19,402	17,129
Oceania:									
Australia .....	2,452	3,109	3,666	.79	1.56	1.49	1,939	4,890	5,475
New Zealand .....	79	130	166	4.66	5.01	4.71	368	652	782
Total .....	2,531	3,239	3,832				2,307	5,542	6,257
World total .....	79,052	80,122	79,377				164,747	169,143	173,505

<sup>1</sup> Years shown refer to year of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1982 is combined with estimates of the Southern Hemisphere harvests, which begin late in 1982 and end early in 1983.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches and Foreign Service Officers, results of office research, and related information.

Table 63.—Grains and grain products: Total and per capita civilian consumption as food, United States, 1970-84

Year	Wheat		Rye		Rice (milled) <sup>3</sup>		Corn					Oats		Barley			
	Total con- sumed	Per capita consumption of food products	Total con- sumed <sup>1</sup>	Per capita consumption of rye flour	Total con- sumed <sup>1</sup>	Per capita consumption	Per capita consumption of food products					Total con- sumed <sup>5</sup>	Per capita consumption of food products	Total con- sumed <sup>6</sup>	Per capita consumption of food products <sup>7</sup>		
							Flour <sup>2</sup>	Cereal	Meal	Cereal	Syrup					Sugar	Starch
	Million bushels	Pounds	Million bushels	Pounds	Million cent.	Pounds	Million bushels	Pounds	Pounds	Pounds	Pounds	Pounds	Million bushels	Pounds	Million bushels	Pounds	
1970	510	111	2.5	5.5	1.2	13.4	6.7	220	7.4	2.4	15.8	5.0	1.9	44	3.2	8	1.2
1971	513	110	2.4	5.3	1.2	15.6	7.6	225	7.4	2.5	16.2	5.0	1.9	44	3.2	8	1.2
1972	517	110	2.3	4.9	1.1	14.5	7.0	240	7.4	2.5	18.7	4.8	1.9	45	3.2	8	1.2
1973	536	113	2.4	5.9	1.3	14.5	7.0	261	7.5	2.5	21.7	5.2	2.0	45	3.2	8	1.2
1974	536	111	2.5	5.9	1.3	15.9	7.5	280	7.6	2.6	25.0	5.3	2.1	46	3.2	8	1.2
1975	561	114	2.7	4.7	1.0	16.1	7.6	305	7.7	2.6	28.5	5.5	2.1	46	3.2	8	1.2
1976	588	119	2.9	3.9	.9	15.3	7.1	330	7.4	2.6	32.0	5.5	2.2	46	3.2	8	1.2
1977	575	115	3.1	3.6	.8	16.2	7.5	350	7.0	2.7	35.3	4.5	2.3	46	3.2	8	1.2
1978	578	117	3.1	3.7	.8	12.5	5.7	380	7.5	2.8	39.2	4.2	2.5	46	3.2	7	1.1
1979	596	117	3.1	3.6	.7	20.8	9.4	410	8.0	2.9	43.3	4.0	2.7	46	3.2	7	1.1
1980	607	117	3.1	3.5	.7	21.1	9.4	445	8.5	3.0	48.9	3.9	2.4	46	3.2	7	1.1
1981	607	116	3.1	3.5	.7	24.9	11.0	480	9.0	3.0	55.0	3.9	2.2	46	3.2	7	1.0
1982	633	119	3.1	3.4	.7	27.1	11.8	510	9.5	3.0	60.0	3.9	2.0	46	3.2	7	1.0
1983	620	116	3.1	3.5	.6	22.6	9.8	540	10.0	3.1	65.0	3.9	2.1	46	3.2	7	1.0
1984 *	635	118	3.1	3.5	.6	24.0	10.2	585	10.0	3.1	74.0	3.9	2.2	46	3.2	7	1.0

<sup>1</sup> Excludes quantities used in alcoholic beverages.<sup>2</sup> Includes white, whole wheat, and semolina flour.<sup>3</sup> Rice consumption for year beginning August previous to the year stated.<sup>4</sup> Includes an allowance for the quantity used as hominy and grits.<sup>5</sup> Oats used in oatmeal, prepared breakfast foods, infant foods, and food products.<sup>6</sup> Malt for food, breakfast food uses, pearl barley, and flour.<sup>7</sup> Malt equivalent of barley food products.<sup>8</sup> Preliminary. Estimates of corn syrup, sugar, and starch are unofficial estimates; industry data were not reported after April 1983.

Economic Research Service. All figures are estimates based on data from private industry sources, the U.S. Department of Commerce, the Internal Revenue Service, and other Government agencies.

**Table 64.—Sorghum: Area, yield, production, disposition, and value, United States, 1970-84**

Year	Area planted for all purposes <sup>1</sup>	Sorghum for grain <sup>2</sup>						Sorghum for silage				Forage area harvested <sup>4</sup>
		Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel <sup>3</sup>	Value of production <sup>3</sup>	Area harvested	Yield per harvested acre	Production	
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 acres	Tons	1,000 tons	1,000 acres
1970.....	16,957	13,568	50.4	683,179	139,146	544,033	1.14	779,630	741	9.7	7,204	2,167
1971.....	20,547	16,142	53.8	867,997	244,515	623,482	1.04	895,823	1,011	10.9	10,998	2,675
1972.....	17,035	13,212	60.7	801,350	165,106	636,244	1.37	1,096,062	840	11.8	9,946	2,427
1973.....	18,994	15,700	58.8	923,224	180,841	742,383	2.14	1,978,268	836	11.4	9,520	2,093
1974.....	17,588	13,809	45.1	622,711	162,819	459,892	2.77	1,721,927	745	9.8	7,279	2,140
1975.....	18,080	15,403	49.0	754,354	174,702	579,652	2.36	1,777,100	763	9.8	7,492	1,438
1976.....	18,143	14,466	49.1	710,797	203,591	507,206	2.03	1,431,190	793	9.2	7,317	1,802
1977.....	16,636	13,797	56.6	780,944	249,333	531,611	1.82	1,411,570	839	10.9	9,184	1,556
1978.....	16,197	13,410	54.5	731,270	236,476	494,794	2.01	1,464,187	724	10.9	7,920	1,449
1979.....	15,277	12,901	62.6	807,422	( <sup>5</sup> )	( <sup>5</sup> )	2.35	1,876,641	764	11.8	8,990	1,211
1980.....	15,639	12,513	46.3	579,343	( <sup>5</sup> )	( <sup>5</sup> )	2.94	1,696,641	734	9.5	7,003	1,412
1981.....	15,930	13,677	64.0	875,835	( <sup>5</sup> )	( <sup>5</sup> )	2.38	2,078,529	786	12.0	9,447	1,024
1982.....	16,028	14,137	59.1	835,083	( <sup>5</sup> )	( <sup>5</sup> )	2.52	2,090,774	603	12.3	7,403	914
1983.....	11,880	10,001	48.7	487,521	( <sup>5</sup> )	( <sup>5</sup> )	2.84	1,382,097	639	10.3	6,572	747
1984 <sup>6</sup> .....	17,249	15,348	56.4	865,856	( <sup>5</sup> )	( <sup>5</sup> )	2.37	2,038,515	609	10.6	6,472	680

<sup>1</sup> Grain and sweet sorghum for all uses, including sirup.

<sup>2</sup> Includes both grain sorghum for grain, and sweet sorghum for grain or seed.

<sup>3</sup> Based on the reported price of grain sorghum. Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>4</sup> Includes hogged or grazed and that cut and fed without removing grain.

<sup>5</sup> Estimates discontinued.

<sup>6</sup> Preliminary.

Statistical Reporting Service.



Table 65.—Sorghum grain: Stocks on and off farms, United States, 1970-85

Year	On farms				Off farms <sup>3</sup>			
	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1 <sup>2</sup>	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1970 .....	184,644	117,505	67,649	38,726	503,506	385,895	278,918	205,235
1971 .....	151,511	87,822	35,555	13,332	459,066	268,081	141,300	77,140
1972 .....	243,431	142,402	66,385	30,514	463,528	336,362	208,488	111,231
1973 .....	217,572	94,724	45,338	13,658	401,830	267,714	153,996	59,003
1974 .....	217,090	113,602	54,576	18,086	426,818	266,742	123,533	43,145
1975 .....	124,041	63,193	29,778	7,849	257,843	145,278	65,307	27,188
1976 .....	164,509	84,107	49,951	14,008	309,600	164,221	104,090	37,486
1977 .....	153,699	87,333	60,563	21,396	331,631	208,250	135,182	69,646
1978 .....	218,292	139,450	108,316	56,056	398,245	273,525	210,749	134,477
1979 .....	235,515	140,606	99,216	40,847	401,484	276,684	222,988	118,683
1980 .....	234,708	142,489	91,347	40,356	412,290	253,165	186,288	106,064
1981 .....	138,845	81,191	50,984	29,434	325,782	232,726	133,547	79,090
1982 .....	255,113	124,785	92,673	61,383	432,902	336,665	286,813	235,032
1983 .....	267,744	150,101	96,012	59,937	542,706	471,104	433,061	340,296
1984 .....	149,330	88,631	61,453	37,932	505,498	380,979	307,444	212,836
1985 <sup>4</sup> .....	228,599	134,842	89,039	.....	496,283	346,392	271,694	.....

<sup>1</sup> Prior to 1976, estimates are for July 1.<sup>2</sup> Old crop only.<sup>3</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 66.—Sorghum: Supply and disappearance, United States, 1970-84

Year beginning October	Supply				Disappearance					Ending stocks Sept. 30		
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Privately held <sup>1</sup>	Government	Total
					Feed and residual	Food, alcohol, and seed	Total					
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1970 .....	244	683	(2)	927	679	13	692	144	836	26	65	91
1971 .....	91	868	(2)	959	681	13	694	123	817	97	45	142
1972 .....	142	801	(2)	943	648	10	658	212	870	63	10	73
1973 .....	73	923	(2)	996	690	11	701	234	935	60	1	61
1974 .....	61	623	(2)	684	426	11	437	212	649	35	0	35
1975 .....	35	754	(2)	789	497	11	508	229	737	52	0	52
1976 .....	52	711	(2)	763	415	11	426	246	672	91	0	91
1977 .....	91	781	(2)	872	455	12	467	214	681	178	13	191
1978 .....	191	731	(2)	922	543	12	555	207	762	116	44	160
1979 .....	160	807	(2)	967	483	13	496	325	821	102	44	146
1980 .....	146	579	(2)	725	301	10	311	305	61	71	38	109
1981 .....	109	876	(2)	985	429	11	440	249	689	253	43	296
1982 .....	296	835	(2)	1,131	507	10	517	214	731	225	175	400
1983 .....	400	488	(2)	888	381	10	391	246	637	152	99	251
1984 <sup>3</sup> .....	251	866	(2)	1,117	525	20	545	275	820	.....	.....	297

<sup>1</sup> Includes total Government loans (original and resale).<sup>2</sup> Less than 500 thousand bushels.<sup>3</sup> Preliminary.

Economic Research Service.

Table 67.—Sorghum: Area, yield, and production, by States, 1982-84

State	Area planted for all purposes			Sorghum for grain								
				Area harvested			Yield per harvested acre			Production		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	100	125	220	68	100	180	43.0	43.0	50.0	2,924	4,300	9,000
Ariz.....	20	20	18	15	13	16	79.0	76.0	85.0	1,185	988	1,360
Ark.....	280	350	620	263	320	590	60.0	55.0	72.0	15,780	17,600	42,480
Calif.....	80	50	55	70	45	48	77.0	81.0	82.0	5,390	3,645	3,936
Colo.....	385	295	500	310	240	430	33.0	29.0	37.0	10,230	6,960	15,910
Ga.....	200	118	165	135	68	113	42.0	41.0	42.0	5,670	2,788	4,746
Ill.....	135	145	320	111	117	285	78.0	56.0	69.0	8,658	6,552	19,665
Ind.....	20	20	20	13	7	13	73.0	55.0	65.0	949	385	845
Iowa.....	30	40	20	15	5	12	59.0	60.0	55.0	885	300	660
Kans.....	3,900	3,550	4,800	3,350	2,830	4,250	62.0	43.0	51.0	207,700	121,690	216,750
Ky.....	48	48	130	38	41	115	70.0	47.0	80.0	2,660	1,927	9,200
La.....	170	200	290	145	180	269	54.0	56.0	65.0	7,830	10,080	17,485
Miss.....	150	260	415	110	225	370	56.0	55.0	64.0	6,160	12,375	23,680
Mo.....	880	740	1,400	830	690	1,330	77.0	58.0	69.0	63,910	40,020	91,770
Nebr.....	1,950	1,200	2,100	1,760	1,000	1,900	73.0	61.0	64.0	128,480	61,000	121,600
N. Mex.....	330	200	300	280	150	280	47.0	42.0	55.0	13,160	6,300	15,400
N.C.....	90	68	75	60	42	48	50.0	33.0	55.0	3,000	1,386	2,640
Okla.....	600	420	530	510	360	450	40.0	33.0	40.0	20,400	11,880	18,000
S.C.....	60	50	60	35	25	34	46.0	36.0	46.0	1,610	900	1,564
S.Dak.....	480	400	560	375	290	395	46.0	47.0	47.0	17,250	13,630	18,565
Tenn.....	100	110	280	85	95	260	65.0	53.0	80.0	5,525	5,035	20,800
Tex.....	6,000	3,450	4,350	5,550	3,150	3,950	55.0	50.0	53.0	305,250	157,500	209,350
Va.....	20	21	21	9	8	10	53.0	35.0	45.0	477	280	450
U.S.....	16,028	11,880	17,249	14,137	10,001	15,348	59.1	48.7	56.4	835,083	487,521	865,856

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 68.—Sorghum: Utilization for silage and forage, by States, 1982-84

State	Silage									Forage area harvested <sup>1</sup>		
	Area harvested			Yield per acre			Production					
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres
Ala.....	16	15	30	12.0	8.0	12.0	192	120	360	9	7	4
Ariz.....	4	5	2	19.5	16.0	20.0	78	80	40	1	1	.....
Ark.....	5	16	13	10.0	8.0	8.0	50	128	104	8	6	7
Calif.....	4	3	4	20.0	20.0	20.0	80	60	80	4	1	3
Colo.....	28	20	22	11.0	13.0	11.0	308	260	242	28	25	26
Ga.....	52	39	38	15.0	14.0	12.0	780	546	456	11	8	10
Ill.....	16	9	15	12.0	7.5	7.0	192	68	105	6	10	8
Ind.....	5	3	4	11.0	8.0	11.5	55	24	46	.....	.....	.....
Iowa.....	5	9	4	12.0	14.0	11.0	60	126	44	3	9	2
Kans.....	170	220	190	12.5	9.5	11.0	2,125	2,090	2,090	280	300	170
Ky.....	7	4	8	13.0	7.0	11.0	91	28	88	2	2	5
La.....	14	13	11	8.0	10.0	10.0	112	130	110	6	4	4
Miss.....	25	24	30	14.0	12.5	12.0	350	300	360	9	6	7
Mo.....	27	26	20	12.0	8.0	8.5	324	208	170	15	13	20
Nebr.....	80	70	70	12.0	11.5	10.0	960	805	700	70	90	80
N. Mex.....	7	16	3	23.0	17.0	18.0	161	272	54	20	14	10
N.C.....	21	14	18	12.5	10.5	12.0	263	147	216	7	10	7
Okla.....	20	15	20	11.0	12.0	10.0	220	180	200	50	35	45
S.C.....	19	21	22	12.0	8.0	12.0	228	168	264	4	3	3
S. Dak.....	50	60	55	8.7	7.6	6.8	435	456	374	45	40	60
Tenn.....	3	6	6	13.0	12.0	13.0	39	72	78	9	8	11
Tex.....	18	25	17	12.0	10.0	13.0	216	250	221	324	150	194
Va.....	7	6	7	12.0	9.0	10.0	84	54	70	3	5	4
U.S.....	603	639	609	12.3	10.3	10.6	7,403	6,572	6,472	914	747	680

<sup>1</sup> Includes hogged or grazed and that cut and fed without removing grain.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 69.—Sorghum grain: Season average price and value, by States, crop of 1982, 1983, and 1984**

State	Season average price per bushel <sup>1</sup>			Value of production <sup>1</sup>		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.....	2.35	3.16	2.44	6,871	13,588	21,960
Ariz.....	2.92	3.64	3.22	3,460	3,596	4,379
Ark.....	2.07	2.97	2.27	32,665	52,272	96,430
Calif.....	2.70	3.51	2.94	14,553	12,794	11,572
Colo.....	2.71	2.78	2.32	27,723	19,349	36,911
Ga.....	2.05	3.19	2.55	11,624	8,894	12,102
Ill.....	2.14	3.05	2.32	18,528	19,984	45,623
Ind.....	2.16	2.74	2.07	2,050	1,055	1,749
Iowa.....	2.55	2.80	2.18	2,257	840	1,439
Kans.....	2.67	2.70	2.24	554,559	328,563	485,520
Ky.....	2.25	3.00	2.24	5,985	5,781	20,608
La.....	2.07	2.97	2.69	16,208	29,938	47,035
Miss.....	2.10	2.97	2.52	12,936	36,754	59,674
Mo.....	2.20	2.97	2.24	140,602	118,859	205,565
Nebr.....	2.50	2.65	2.18	321,200	161,650	265,088
N. Mex.....	2.72	3.00	2.69	35,795	18,900	41,426
N.C.....	1.74	2.35	2.38	5,220	3,257	6,283
Okla.....	2.65	2.87	2.55	54,060	34,096	45,900
S.C.....	1.85	3.19	2.32	2,979	2,871	3,628
S. Dak.....	2.16	2.46	2.04	37,260	33,530	37,873
Tenn.....	1.98	2.96	2.24	10,940	14,904	46,592
Tex.....	2.53	2.92	2.58	772,283	459,900	540,123
Va.....	2.13	2.58	2.30	1,016	722	1,035
U.S.....	2.52	2.84	2.37	2,090,774	1,382,097	2,038,515

<sup>1</sup> Includes allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate, by States.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 70.—Sorghum grain: Price-support operations, United States, 1970-85**

Year beginning October	Support price				Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC Sept. 30
	Per cwt.		Percentage of parity <sup>1</sup>		Quantity	Percent- age of produc- tion		
	Loan	Target	Loan	Target				
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Million cwt.</i>	<i>Percent</i>	<i>Million cwt.</i>	<i>Million cwt.</i>
1970.....	1.61		55		17.1	4.5	3.8	<sup>4</sup> 35.1
1971.....	1.73		55		86.5	17.6	1.0	<sup>4</sup> 21.9
1972.....	1.79		53		16.7	3.6		<sup>4</sup> 2.7
1973.....	1.79		45		13.2	2.5		
1974.....	1.88	2.34	41	50	2.2	.6		
1975.....	1.88	2.34	36	45	5.4	1.3		
1976.....	2.55	2.66	46	48	12.5	3.1		
1977.....	3.39	4.07	59	71	121.7	27.5	7.2	7.3
1978.....	3.39	4.07	55	66	51.6	12.3	17.1	24.4
1979.....	3.57	4.18	51	60	35.8	7.9	1.3	24.6
1980.....	<sup>5</sup> 3.82-4.07	<sup>6</sup> 4.46-4.38	49-52	57-56	18.1	5.6	.1	21.4
1981.....	<sup>5</sup> 4.07-4.32	4.55	49-52	55	155.0	31.5	6.5	24.0
1982.....	<sup>5</sup> 4.32-4.91	4.64	50-57	54	134.5	28.8	<sup>7</sup> 41.0	<sup>7</sup> 92.4
1983.....	4.50	4.86	51	55	7.6	2.8	1.2	50.0
1984 <sup>a</sup> .....	4.32	5.14	48	57	<sup>a</sup> 43.0	8.8	<sup>a</sup> 7.0	<sup>a</sup> 78.0
1985 <sup>a</sup> .....	4.32	5.14						

<sup>1</sup> Percentage of parity price as of the beginning of the market year.

<sup>2</sup> Represents loans made, purchases, and purchase agreements entered into.

<sup>3</sup> Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.

<sup>4</sup> Uncommitted CCC inventory.

<sup>5</sup> Smaller value is regular loan; larger value is loan rate for crops in the former-owned reserve.

<sup>6</sup> Producers who exceed their NCA will be eligible for the lower target price.

<sup>7</sup> Includes Payment-In-Kind purchases.

\* Preliminary.

Agricultural Stabilization and Conservation Service.

Table 71.—Sorghum grain: United States exports by country of destination, 1982-83 <sup>1</sup>

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1982	1983		1982	1983
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Western Hemisphere:			Asia:		
Canada.....	109	464	India.....		
Mexico.....	3,260,309	2,758,441	Israel.....	340,681	573,623
Other countries.....	397,754	228,507	Japan.....	741,031	1,504,756
			Other countries.....	260,669	218,431
Total Americas.....	3,658,172	2,987,412	Total Asia and Oceania.....	1,342,381	2,296,810
Europe:			Africa:		
Belgium and Luxembourg.....	0		Senegal.....	13,904	145,046
Germany, Fed. Rep. of.....	0	122,941	South Africa.....	218	216
Netherlands.....	0	198	Other countries.....	26,162	72,865
Norway.....	44,618	0			
Poland.....			Total Africa.....	40,284	218,127
Other countries.....	317,169	600,477			
			World total.....	5,402,623	6,225,965
Total Europe.....	361,787	723,616			

<sup>1</sup> Year beginning Oct. 1

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 72.—Feed grains: United States exports under specified Government programs, 1970-83

Year <sup>1</sup>	Public Law 480					Mutual security (AID) <sup>7</sup>	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency <sup>2</sup>	Long-term dollar and convertible foreign currency credit sales <sup>3</sup>	Government-to-government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>	Barter for strategic materials <sup>6</sup>		
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
1970.....	79	784	301	1			1,165
1971.....	90	1,123	174				1,387
1972.....	9	1,275	177	1			1,462
1973.....		379	452	14		115	960
1974.....		14	142	2			158
1975.....			56	6		148	210
(*).....		(35)	(11)	(1)		(610)	(657)
1976.....		480	46	3		1,306	1,834
1977.....		424	160			1,440	2,024
1978.....		565	113	7		1,445	2,130
1979.....		637	229	39		224	1,129
1980.....		553	226	21		444	1,244
1981.....		296	79	34		323	732
1982.....		320	118	18		392	848
1983.....		364	230	8		793	1,395

<sup>1</sup> Year beginning July 1 for 1970-75 and Oct. 1 starting in 1976.<sup>2</sup> Authorized by Title I, P.L. 480.<sup>3</sup> Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480, as amended by P.L. 89-808.<sup>4</sup> Authorized by Title II, P.L. 480.<sup>5</sup> Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec 302, Title III, P.L. 480 through Dec. 31, 1966. Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan 1, 1967.<sup>6</sup> Authorized by Sec. 303, Title III, P.L. 480, and other legislation.<sup>7</sup> Foreign Assistance Act of 1961, as amended.<sup>8</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

Economic Research Service.



Table 73.—Commercial feeds: Disappearance for feed, United States, 1970-83

Year beginning October	Oilseed cake and meal						Animal protein			
	Soy-bean	Cotton-seed	Linseed	Peanut	Sun-flower <sup>1</sup>	Total	Tank-age and meat meal	Fish meal	Dried milk <sup>2</sup>	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1970 .....	13,467	1,693	258	173	99	15,690	2,039	609	260	2,908
1971 .....	13,173	1,885	264	174	100	15,596	1,879	752	330	2,961
1972 .....	11,972	2,225	212	180	100	14,689	1,739	459	330	2,528
1973 .....	13,766	2,078	184	130	.....	16,158	1,854	350	315	2,519
1974 .....	12,501	1,807	95	151	.....	14,554	1,981	444	150	2,575
1975 .....	15,552	1,238	84	313	.....	17,187	2,001	508	147	2,656
1976 .....	14,055	1,556	129	203	.....	15,943	2,200	414	160	2,774
1977 .....	16,277	1,962	87	101	.....	18,427	2,329	418	196	2,943
1978 .....	17,370	1,691	134	103	198	19,496	2,323	509	159	2,991
1979 .....	18,864	1,809	161	119	396	21,349	2,598	409	159	3,166
1980 .....	17,247	1,538	128	94	44	19,051	2,458	379	161	2,998
1981 .....	17,650	1,905	110	126	474	20,265	2,493	529	165	3,187
1982 .....	18,751	1,586	77	88	333	20,837	2,482	454	164	3,103
1983 <sup>3</sup> .....	17,034	1,193	77	88	331	18,723	2,472	402	165	3,039

  

Year beginning October	Mill products <sup>4</sup>								Total commercial feeds
	Wheat mill-feeds	Gluten feed and meal <sup>5</sup>	Rice mill-feeds	Brewer's dried grains	Distillers' dried grains	Dried and molasses beet pulp <sup>6</sup>	Alfalfa meal	Total	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1970 .....	4,499	1,237	436	361	382	1,509	1,584	10,008	28,606
1971 .....	4,364	1,067	479	369	404	1,570	1,568	9,821	28,378
1972 .....	4,397	1,262	446	361	428	1,615	1,799	10,308	27,525
1973 .....	4,465	1,361	471	348	456	1,393	1,555	10,049	28,726
1974 .....	4,693	1,502	576	346	339	1,332	1,557	10,345	27,474
1975 .....	4,933	1,477	547	321	400	1,861	1,569	11,108	30,951
1976 .....	4,797	1,038	602	297	374	1,756	1,202	10,066	28,783
1977 .....	4,970	1,223	552	282	403	1,451	1,497	10,378	31,748
1978 .....	4,944	1,194	633	309	495	1,514	1,371	10,460	32,947
1979 .....	4,851	787	698	338	495	1,257	1,261	9,687	34,202
1980 .....	5,114	839	778	320	499	1,310	1,096	9,956	32,005
1981 .....	5,047	1,039	735	264	494	1,538	990	10,107	33,559
1982 .....	5,576	718	648	214	751	1,120	978	10,005	33,945
1983 <sup>3</sup> .....	5,598	1,541	502	149	633	1,143	990	9,556	31,318

<sup>1</sup> Beginning 1970 to 1972 quantities shown are for copra.<sup>2</sup> Includes dried skim milk, and whey for feed, but does not include any milk products fed on farms. Beginning 1974, not comparable with earlier years.<sup>3</sup> Preliminary.<sup>4</sup> Other mill products that are not listed include screenings, hominy, and oats feeds etc., for which no statistics are available.<sup>5</sup> Adjusted for export data.<sup>6</sup> Does not include wet sugarbeet pulp.

Economic Research Service.



**Table 74.—High-protein feeds: Quantity for feeding, high-protein animal units, quantity per animal unit, and prices, United States, 1970-84**

Year beginning October	Quantity for feeding <sup>1</sup>						High- protein animal units	Quantity per animal unit	High- protein feed prices
	Oilseed meal			Animal protein	Grain protein ( <sup>3</sup> )	Total			
	Soybean meal	Other oilseed meals <sup>2</sup>	Total						
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Million units	Pounds	Index numbers 1967= 100
1970 .....	14,723	2,000	16,723	2,909	2,404	22,036	107.6	410	105
1971 .....	14,381	2,187	16,568	2,971	2,318	21,857	107.2	408	117
1972 .....	12,991	2,462	15,453	2,532	2,584	20,569	105.5	390	272
1973 .....	14,134	2,182	16,316	2,520	2,732	21,568	104.1	414	197
1974 .....	13,336	1,897	15,233	3,105	1,350	19,688	96.7	408	171
1975 .....	16,588	1,595	18,183	3,217	1,472	22,872	100.7	454	193
1976 .....	14,934	1,731	16,665	3,446	1,315	21,426	102.9	416	252
1977 .....	17,294	1,731	19,025	3,346	1,082	23,453	104.5	448	213
1978 .....	18,642	1,787	20,429	3,389	979	24,797	108.0	456	248
1979 .....	20,731	2,285	23,016	3,405	700	27,121	114.6	473	240
1980 .....	19,032	2,116	21,148	3,775	575	25,498	113.5	449	279
1981 .....	19,393	2,232	21,625	2,928	906	25,459	110.2	482	235
1982 .....	20,502	1,671	22,173	4,280	1,130	27,986	109.0	523	244
1983 .....	18,175	1,374	19,549	4,231	1,222	25,003	109.4	470	245
1984 * .....	19,829	1,993	21,822	2,756	1,193	25,771	109.7	470	.....

<sup>1</sup> In terms of 44 percent protein soybean meal equivalent.<sup>2</sup> Includes cottonseed, linseed, peanut meal, and sunflower meal. Includes 30,000 tons previously excluded for industrial uses and for fertilizer.<sup>3</sup> Beginning 1969, adjusted for exports of corn gluten feed and meal.<sup>4</sup> Preliminary.

Economic Research Service.

**Table 75.—Feed concentrates fed to livestock and poultry, 1970-84**

Year beginning October	Feed grains				Wheat	Rye	By- product feeds <sup>1</sup>	Total concentrates	Grain consum- ing animal units	Concentrates fed per grain- consum- ing animal unit
	Corn	Sor- ghum	Oats and barley	Total						
	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Millions	Tons
1970.....	100.6	19.0	19.0	138.6	5.9	0.4	40.0	184.9	80.0	2.31
1971.....	111.5	19.1	18.4	149.0	5.9	.5	40.2	195.6	80.2	2.44
1972.....	120.2	18.8	16.2	155.2	7.9	.5	39.8	203.4	79.4	2.56
1973.....	117.0	19.3	15.1	151.4	4.2	.3	40.8	196.7	78.5	2.51
1974.....	89.0	11.9	13.5	114.4	.6	.2	38.4	153.6	69.8	2.20
1975.....	99.6	14.3	13.2	127.1	1.7	.2	36.8	165.8	74.6	2.02
1976.....	100.4	12.0	11.5	123.9	7.4	.1	34.2	165.6	75.9	1.98
1977.....	103.4	13.2	12.6	129.2	5.6	.2	37.3	172.3	79.0	1.98
1978.....	121.1	15.3	13.7	150.1	4.4	.2	41.7	196.4	80.4	2.44
1979.....	126.5	13.5	12.0	152.0	2.4	.5	42.2	197.1	82.3	2.39
1980.....	115.9	8.6	11.1	135.6	1.2	.5	39.9	177.2	80.5	2.20
1981.....	117.7	12.1	12.1	141.6	3.8	.5	40.4	186.3	77.3	2.41
1982.....	126.6	14.2	12.9	153.8	5.7	.5	38.5	198.5	78.5	2.53
1983.....	104.3	10.7	14.3	129.1	14.6	.5	37.4	181.6	78.1	2.33
1984 <sup>2</sup> .....	117.6	14.0	13.6	145.3	7.7	.5	36.6	190.1	77.7	2.45

<sup>1</sup> Oilseed meals, animal protein feeds, mill byproducts and mineral supplements.<sup>2</sup> Preliminary.

Economic Research Service.

Table 76.—Feed consumed per head and per unit of production, by class of livestock or poultry, with quantity expressed in equivalent feeding value of corn, 1970-83

Year beginning October	Dairy cattle			Beef cattle				Sheep and lambs		
	Milk cows		Other dairy cattle per head	Cattle on feed per head Jan. 1 <sup>1</sup>	Other beef cattle per head	All beef cattle per head	Cattle and calves per 100 pounds produced <sup>2</sup>	Per head	Per 100 pounds produced <sup>3</sup>	
	Per head	Per 100 pounds milk produced								
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	
1970 .....	10,600	107	4,657	9,155	3,494	4,230	1,107	943	1,731	
1971 .....	11,370	112	5,859	9,198	3,637	4,391	1,147	1,008	1,848	
1972 .....	11,250	112	4,907	8,811	3,718	4,398	1,175	1,031	1,993	
1973 .....	11,570	113	5,774	7,708	5,303	5,595	1,539	2,021	1,744	
1974 .....	11,543	112	5,571	5,584	5,178	5,480	1,468	1,856	2,332	
1975 .....	11,540	109	6,303	7,593	5,247	6,031	2,183	1,260	2,386	
1976 .....	11,809	108	6,405	6,516	5,344	5,871	1,899	1,840	2,114	
1977 .....	12,129	110	6,864	6,524	5,251	5,421	1,374	1,442	2,552	
1978 .....	12,494	110	6,700	8,196	5,240	5,648	1,457	1,397	2,349	
1979 .....	12,978	111	6,800	8,122	5,437	5,757	1,411	1,373	2,497	
1980 .....	12,770	110	6,606	7,812	5,581	5,840	1,431	1,437	2,613	
1981 .....	12,181	99	6,248	8,759	5,360	5,721	1,395	1,409	2,401	
1982 .....	12,660	101	6,300	8,988	5,395	5,829	1,432	1,529	2,382	
1983 * .....	12,648	103	5,795	7,848	5,708	5,994	1,382	1,723	2,354	

Year beginning October	Poultry								Hogs per 100 pounds produced	Horses and mules 2 years and over per head
	Hens and pullets		Chickens raised		Broilers produced		Turkeys raised			
	Per head Jan. 1	Per 100 eggs	Per head	Per 100 pounds live weight	Per head	Per 100 pounds produced	Per head	Per 100 pounds produced		
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	
1970 .....	96	57	31	646	9.4	257	96	408	572	4,880
1971 .....	99	57	32	675	9.3	248	96	407	594	4,880
1972 .....	99	57	32	672	9.1	245	95	419	640	4,867
1973 .....	100	59	32	663	9.7	257	94	400	660	3,607
1974 .....	100	57	26	540	10.1	268	82	401	530	3,592
1975 .....	101	56	26	540	7.7	228	71	381	566	3,547
1976 .....	105	58	25	542	8.7	236	70	378	584	3,678
1977 .....	103	56	24	560	8.6	225	79	408	633	3,680
1978 .....	107	58	26	550	9.3	243	79	439	662	3,656
1979 .....	107	62	26	565	9.4	263	76	414	688	3,860
1980 .....	106	61	25	560	9.5	265	76	415	647	3,825
1981 .....	108	61	26	564	10.0	261	84	442	620	3,621
1982 .....	112	63	25	560	11.0	252	89	464	638	3,642
1983 * .....	105	59	28	560	9.3	251	82	431	605	3,592

<sup>1</sup> Feed consumed by all cattle divided by the number on feed Jan. 1.<sup>2</sup> Feed for all cattle, except milk cows, divided by the net live-weight production of cattle and calves. It includes the growth on dairy heifers and calves as well as all beef cattle.<sup>3</sup> About 19 pounds of wool were produced with each 100 pounds live-weight production.<sup>4</sup> Preliminary.

Economic Research Service.

**Table 77.—Feed consumed by livestock and poultry, by type of feed, with quantity expressed in equivalent feeding value of corn, 1970-84**

Year beginning October	Concentrates	Harvested roughage	Pasture	Total	Year beginning October	Concentrates	Harvested roughage	Pasture	Total
	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>		<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>
1970 .....	178	74	238	490	1978 .....	205	94	201	500
1971 .....	184	74	238	496	1979 .....	210	101	211	522
1972 .....	189	74	241	504	1980 .....	193	102	232	527
1973 .....	192	77	244	513	1981 .....	197	93	231	521
1974 .....	151	85	268	504	1982 .....	203	107	213	523
1975 .....	173	96	243	512	1983 <sup>1</sup> .....	207	99	215	521
1976 .....	179	100	228	507	1984 <sup>2</sup> .....	202	95	202	499
1977 .....	183	89	214	486					

<sup>1</sup> Preliminary.

<sup>2</sup> Estimated.

Economic Research Service.

**Table 78.—Animal units fed: Grain-consuming, roughage-consuming, and grain-and-roughage-consuming, United States, 1970-84 <sup>1</sup>**

Year beginning October	Grain-consuming <sup>2</sup>	Roughage-consuming <sup>3</sup>	Grain and roughage-consuming <sup>4</sup>	Year beginning October	Grain-consuming <sup>2</sup>	Roughage-consuming <sup>3</sup>	Grain and roughage-consuming <sup>4</sup>
	<i>1,000 units</i>	<i>1,000 units</i>	<i>1,000 units</i>		<i>1,000 units</i>	<i>1,000 units</i>	<i>1,000 units</i>
1970 .....	79,868	89,861	86,073	1978 .....	80,437	86,009	83,545
1971 .....	80,000	91,057	86,642	1979 .....	82,257	87,452	85,220
1972 .....	79,359	93,198	87,926	1980 .....	80,524	89,915	86,140
1973 .....	78,354	99,520	91,429	1981 .....	77,299	91,758	85,876
1974 .....	70,235	103,765	90,865	1982 .....	78,537	90,392	85,482
1975 .....	74,795	98,224	88,882	1983 .....	78,099	89,644	84,924
1976 .....	76,059	94,839	87,296	1984 <sup>5</sup> .....	77,669	85,792	82,333
1977 .....	77,711	89,536	85,669				

<sup>1</sup> Index series based on average feeding rates for years 1969-71. In calculations for the feeding years 1969 to date, cattle numbers used are the new categories shown in the Livestock and Poultry Inventory, published by SRS, USDA.

<sup>2</sup> Livestock and poultry numbers weighted by all concentrates consumed.

<sup>3</sup> Livestock and poultry numbers weighted by all roughage (including pasture) consumed.

<sup>4</sup> Livestock and poultry numbers weighted by all feed (including pasture) fed to livestock.

<sup>5</sup> Preliminary.

Economic Research Service.

Table 79.—Feed grains: Average price, selected markets and grades, 1970-83 <sup>1</sup>

Crop year <sup>2</sup>	Kansas City			Minneapolis			
	Corn, No. 2 Yellow	Corn, No. 2 White	Sorghum, No. 2 Yellow	Corn, No. 2 Yellow	Barley, No. 3 or Better malting	Barley, No. 2 Feed <sup>3</sup>	Oats, No. 2 White
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>
1970 .....	1.45	1.94	2.32	1.35	1.18	1.11	0.69
1971 .....	1.27	1.26	2.05	1.16	1.13	1.04	.66
1972 .....	1.93	2.48	3.24	1.70	1.44	1.17	.82
1973 .....	2.91	3.66	4.64	2.78	2.67	2.03	1.30
1974 .....	3.08	4.09	5.04	3.05	4.16	2.58	1.68
1975 .....	2.69	2.92	4.46	2.67	3.52	2.38	1.66
1976 .....	2.26	2.91	3.49	2.25	3.13	2.35	1.74
1977 .....	2.28	3.30	3.54	2.13	2.27	1.68	1.27
1978 .....	2.56	2.93	4.00	2.32	2.38	1.80	1.43
1979 .....	2.72	4.70	4.65	2.53	2.87	2.16	1.57
1980 .....	3.29	4.96	5.36	3.13	3.64	2.60	2.04
1981 .....	2.60	2.60	4.28	2.44	3.06	2.21	2.14
1982 .....	2.99	3.35	4.92	2.83	2.53	1.63	1.69
1983 .....	3.36	4.70	5.13	3.25	2.84	2.48	1.87

  

Crop year <sup>2</sup>	Omaha: Corn, No. 2 Yellow	Chicago: Corn, No. 2 Yellow	Texas High Plains: Sorghum, No. 2 Yellow <sup>4</sup>	Los Angeles			St. Louis: Corn, No. 2 Yellow
				Corn, No. 2 Yellow	Barley, No. 2 Western	Sorghum, No. 2 Yellow	
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt</i>	<i>Dollars per bushel</i>
1970 .....	1.39	1.47	2.73	1.79	1.42	2.99	1.45
1971 .....	1.23	1.23	2.12	1.71	1.47	2.82	1.19
1972 .....	1.80	1.91	3.34	2.39	1.76	4.16	1.85
1973 .....	2.79	2.95	4.78	3.43	2.70	5.64	2.87
1974 .....	3.05	3.12	5.08	3.66	3.14	6.12	3.07
1975 .....	2.66	2.75	4.47	3.34	2.81	5.63	2.70
1976 .....	2.15	2.30	3.64	2.86	2.61	4.68	2.25
1977 .....	2.08	2.26	3.88	2.99	2.35	4.82	2.23
1978 .....	2.28	2.54	4.40	3.39	2.53	5.44	2.51
1979 .....	2.49	2.81	4.97	3.74	2.96	6.32	2.73
1980 .....	3.13	3.38	5.86	4.48	3.57	7.31	3.35
1981 .....	2.46	2.58	4.85	3.72	3.27	6.18	2.61
1982 .....	2.82	2.93	5.30	3.93	2.97	6.56	2.98
1983 .....	3.20	3.41	5.48	4.22	3.45	6.69	3.45

<sup>1</sup> Simple average of daily prices.<sup>2</sup> Crop year begins October for corn and sorghum. For barley and oats, crop year began in July from 1970-72 and June for 1973-83.<sup>3</sup> Barley No. 3 or better for 1970-72.<sup>4</sup> Fort Worth for 1970.

Agricultural Marketing Service.

Table 80.—Feedstuffs: Average price per ton bulk, in wholesale lots, at leading markets, 1970-83

Year beginning October	Soybean meal		Cottonseed meal		Linseed meal	Copra meal	Peanut meal	Meat meal	Tankage digerster	Fish- meal	Wheat bran
	44% pro- tein	49-50% protein	41% pro- tein	41% pro- tein	34% protein	20% pro- tein	45% protein	50% protein	60% protein	60% pro- tein	Kan- sas City
	Deca- tur	Deca- tur	Fort Worth	Mem- phis	Minne- apolis	Los Ange- les	S.E. mills	Illinois Points <sup>1</sup>	Chicago	Los Ange- les	
	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>
1970 .....	78.50	84.30	81.60	72.30	62.60	80.00	77.70	95.60	99.60	145.50	45.00
1971 .....	90.20	98.20	83.40	75.60	72.50	80.00	85.50	111.25	112.50	145.20	41.90
1972 .....	229.00	253.40	165.70	161.20	159.20			262.90	269.40	333.50	70.40
1973 .....	146.40	160.60	138.90	130.70	128.00			187.90	202.40	339.10	90.80
1974 .....	130.90	141.25	127.60	119.00	126.70		129.30	149.30	159.90	245.60	86.60
1975 .....	147.80	157.70	152.90	145.00	134.60		150.90	174.10	184.10	247.90	88.60
1976 .....	199.80	218.70	179.40	173.60	156.90		207.40	220.70	230.90		81.80
1977 .....	164.20	179.40	147.20	139.70	137.75		164.40	198.40	208.50		70.00
1978 .....	190.10	206.20	171.60	164.80	152.20		198.50	237.70	247.90		87.70
1979 .....	181.90	197.00	177.40	164.10	154.40		186.10	227.25			95.60
1980 .....	218.20	235.10	206.60	197.10	160.50		236.00	232.20			103.40
1981 .....	182.50	196.60	166.10	156.20	151.70		182.10	207.90			82.40
1982 .....	187.20	200.90		176.60	145.10		198.30	219.30			87.60
1983 .....	188.20	203.20		192.30	140.20		209.00	204.80			94.80

Year beginning October	Wheat mid- dlings	Wheat shorts or mid- dlings	Wheat mill- run	Gluten feed	Homy- ny feed	Distillers' dried grains	Brew- ers' dried grains	Alfalfa meal		Feed- ing mol- asses	Index numbers Jan.- Dec. 1967 = 100 <sup>3</sup>
	Minne- apolis	Kansas City	Port- land	21% pro- tein	Illino- is Points	Lawrence- burg <sup>2</sup>	Mil- waukee	Dehy- drated, 17% protein	Sun- cured	New Orle- ans	
				Chica- go				Kansas City	Kan- sas City		
	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	
1970 .....	43.90	45.00	49.80	45.70	45.70	64.40	51.50	48.10	44.80	25.10	110.9
1971 .....	40.40	41.90	46.90	47.10	39.20	61.30	51.10	48.40	45.10	26.10	112.7
1972 .....	68.50	70.40	75.70	75.20	60.90	102.00	87.25	77.60	63.30	48.30	246.6
1973 .....	88.30	90.80	107.00	90.20	92.50	114.30	99.30	91.40	79.40	68.70	197.7
1974 .....	84.00	85.60	107.30	88.20	90.50	117.00	90.75	81.00	73.70	51.50	174.6
1975 .....	86.20	89.00	103.00	93.80	85.40	112.40	97.60	101.70	91.10	48.60	193.1
1976 .....	82.40	81.80	90.40	107.25	74.30	132.40	112.75	95.40	84.30	44.80	239.4
1977 .....	64.80	70.00	84.80	91.30	70.20	121.20	89.90	76.00	67.50	42.70	202.8
1978 .....	80.20	87.70	97.80	120.80	80.40	127.80	106.20	100.75	86.70	79.10	242.0
1979 .....	83.00	95.60	116.00	125.25	87.60	137.80	110.40	109.60	92.40	90.70	240.6
1980 .....	92.80	103.40	129.60	120.20	105.40	161.90	116.00	122.40	108.70	98.90	278.6
1981 .....	71.10	82.40	111.80	113.00	78.70	145.60	96.80	105.60	93.60	50.50	229.8
1982 .....	70.70	87.60	110.40	117.80	96.50	145.30	105.60	120.60	104.40	48.80	237.9
1983 .....	80.20	94.80	116.80	109.10	108.20	169.90	112.60	129.50	114.90	67.10	246.6

<sup>1</sup> Chicago 1970-1972.<sup>2</sup> Cincinnati 1970-1980.<sup>3</sup> Based on prices of the following feedstuffs at leading markets, weighted by average consumption: Soybean meal, cottonseed meal, meat meal, tankage, fishmeal, wheat meals; bran, middlings, and millrum; gluten feed and meal; hominy feed, brewers' and distillers' dried grains; alfalfa meal; rice bran and feeding molasses.

Agricultural Marketing Service.



## CHAPTER II

# STATISTICS OF COTTON, TOBACCO, SUGAR CROPS, AND HONEY

In addition to tables on cotton, tobacco, sugar, and honey, this chapter includes tables on fibers other than cotton and sirups. Cottonseed data, however, are in the following chapter on oilseeds, fats, and oils.

**Table 81.—Cotton: Area, yield, production, and value, United States, 1970–84**

Year	Area		Yield per harvested acre	Production	Season average price per pound received by farmers <sup>1</sup>	Value of production <sup>1</sup>
	Planted	Harvested				
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 bales <sup>2</sup></i>	<i>Cents</i>	<i>1,000 dollars</i>
1970.....	11,945.2	11,155.0	438	10,192.1	21.98	1,121,622
1971.....	12,354.9	11,470.9	438	10,477.0	28.23	1,419,624
1972.....	14,001.3	12,983.8	507	13,704.1	27.3	1,798,960
1973.....	12,479.7	11,970.2	520	12,974.0	44.6	2,779,504
1974.....	13,679.4	12,546.6	442	11,540.1	42.9	2,374,064
1975.....	9,477.6	8,796.0	453	8,301.6	51.3	2,043,678
1976.....	11,635.5	10,913.5	465	10,580.6	64.1	3,254,954
1977.....	13,679.5	13,275.3	520	14,389.2	52.3	3,614,938
1978.....	13,375.1	12,400.0	420	10,855.8	58.4	3,044,991
1979.....	13,977.5	12,830.9	547	14,629.3	62.5	4,391,378
1980.....	14,533.8	13,214.8	404	11,122.1	74.7	3,986,678
1981.....	14,330.1	13,841.2	542	15,645.7	54.3	4,075,403
1982.....	11,345.4	9,733.9	590	11,962.7	59.4	3,410,226
1983.....	7,926.3	7,347.5	508	7,771.4	66.4	2,478,176
1984 <sup>3</sup> .....	11,145.4	10,379.1	600	12,981.8	<sup>4</sup> 58.7	<sup>4</sup> 3,658,251

<sup>1</sup> Net weight price. Includes allowance for unredeemed loans. Does not include Government program payments.

<sup>2</sup> 480-pound net weight bales.

<sup>3</sup> Preliminary.

<sup>4</sup> Average to Apr. 1, 1985, with no allowance for unredeemed loans.

Statistical Reporting Service. Production figures conform with The Bureau of the Census annual ginning enumerations.

Table 82.—Cotton: Area, yield, and production, by States, 1982-84

State	Area planted			Area harvested			Yield per harvested acre			Production <sup>1</sup>		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
Upland:	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
Ala.....	287.0	219.0	309.0	285.0	215.0	307.0	775	409	699	460.0	183.0	447.0
Ariz.....	471.0	291.0	430.0	470.0	284.0	429.0	1,118	1,225	1,227	1,095.0	725.0	1,097.0
Ark.....	410.0	320.0	470.0	390.0	290.0	465.0	657	535	632	534.0	323.0	612.0
Calif.....	1,380.0	960.0	1,410.0	1,370.0	950.0	1,400.0	1,077	996	999	3,073.0	1,971.0	2,913.0
Fla.....	16.0	12.5	17.5	15.0	12.0	17.0	627	608	847	19.6	15.2	30.0
Ga.....	163.0	120.0	175.0	158.0	115.0	172.0	714	467	784	235.0	112.0	281.0
Kans.....	5	4	8	4	4	5	120	240	288	1	2	3
La.....	605.0	420.0	650.0	595.0	410.0	645.0	702	623	786	870.0	532.0	1,056.0
Miss.....	1,000.0	687.0	1,045.0	990.0	675.0	1,032.0	853	640	767	1,760.0	900.0	1,650.0
Mo.....	154.0	108.0	164.0	151.0	98.0	162.0	648	377	554	204.0	73.0	187.0
Nev.....	7	0	0	7	0	0	617	0	0	9	0	0
N. Mex.....	79.0	56.0	77.0	68.0	47.0	69.0	551	715	605	78.0	70.0	87.0
N.C.....	71.0	60.0	97.0	70.0	59.0	96.0	699	350	600	102.0	43.0	120.0
Okla.....	480.0	320.0	425.0	450.0	300.0	375.0	254	232	234	238.0	145.0	183.0
S.C.....	97.0	69.0	104.0	95.0	69.0	104.0	783	369	785	155.0	58.0	170.0
Tenn.....	260.0	220.0	340.0	255.0	215.0	325.0	638	337	498	339.0	151.0	337.0
Tex.....	5,800.0	4,000.0	5,350.0	4,300.0	3,550.0	4,700.0	301	322	376	2,700.0	2,380.0	3,680.0
Va.....	.3	.4	1.0	.3	.4	1.0	640	360	528	.4	.3	1.1
U.S.....	11,274.5	7,863.3	11,065.3	9,663.4	7,284.8	10,299.5	589	506	599	11,864.0	7,676.7	12,851.4
American-Pima:												
Ariz.....	41.8	29.5	50.5	41.6	29.3	50.3	760	768	841	65.9	46.9	88.1
N. Mex.....	9.5	11.1	10.0	9.4	11.1	10.0	511	683	595	10.0	15.8	12.4
Tex.....	19.6	22.4	19.6	19.5	22.3	19.3	561	689	744	22.8	32.0	29.9
U.S.....	70.9	63.0	80.1	70.5	62.7	79.6	672	725	786	98.7	94.7	130.4
U.S., all..	11,345.4	7,926.3	11,145.4	9,733.9	7,347.5	10,379.1	590	508	600	11,962.7	7,771.4	12,981.8

<sup>1</sup> Production ginned and to be ginned.<sup>2</sup> Preliminary.<sup>3</sup> 480-pound net weight bales.

Statistical Reporting Service.

Table 83.—Cotton, American upland: Estimated percentage of the crop forward contracted by growers, by States, 1977-84

State	Crop of—							
	1977	1978	1979	1980	1981	1982	1983	1984
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Ala.....	9	15	26	32	6	13	22	26
Ariz.....	45	35	30	46	7	21	19	9
Ark.....	18	38	27	62	16	18	24	40
Calif.....	29	62	30	45	12	17	60	49
Ga.....	1	(1)	8	14	10	7	18	31
La.....	6	29	23	41	8	18	21	23
Miss.....	30	48	50	80	28	21	28	31
Mo.....	23	46	40	79	26	25	38	53
N. Mex.....	17	13	10	7	1	(1)	.....	1
N.C.....	16	26	18	43	8	17	28	36
Okla.....	18	26	23	4	2	1	.....	24
S.C.....	33	31	34	57	24	39	62	53
Tenn.....	2	17	13	46	9	28	33	35
Tex.....	18	9	15	22	8	5	7	19
U.S.....	20	25	22	35	10	12	21	27

<sup>1</sup> Less than 0.5 percent.

Agricultural Marketing Service.

Table 84.—Cotton: Production, season average price per pound, and value, by States, 1982-84

State	Production <sup>1</sup>			Price for crop of—			Value of production		
	1982	1983 <sup>2</sup>	1984 <sup>2</sup>	1982 <sup>3</sup>	1983 <sup>3</sup>	1984 <sup>4</sup>	1982 <sup>3</sup>	1983 <sup>3</sup>	1984 <sup>4</sup>
Upland:	<i>1,000 bales <sup>5</sup></i>	<i>1,000 bales <sup>5</sup></i>	<i>1,000 bales <sup>5</sup></i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.....	460.0	183.0	447.0	58.5	65.7	55.9	129,168	57,711	119,939
Ariz.....	1,095.0	725.0	1,095.0	60.5	68.2	58.9	317,988	237,336	316,144
Ark.....	534.0	323.0	612.0	58.0	66.5	56.2	148,666	103,102	165,093
Calif.....	3,073.0	1,971.0	2,913.0	66.9	72.8	65.8	986,802	688,746	920,042
Fla.....	19.6	15.2	30.0	57.5	67.3	58.6	5,410	4,910	8,438
Ga.....	235.0	112.0	281.0	56.6	67.2	59.2	63,845	36,127	79,849
Kans.....	.1	.2	.3	49.5	57.8	48.7	24	55	70
La.....	870.0	532.0	1,056.0	56.5	65.4	55.1	235,944	167,005	279,291
Miss.....	1,760.0	900.0	1,650.0	59.8	66.2	56.1	505,190	285,984	444,312
Mo.....	204.0	73.0	187.0	59.2	68.5	58.5	57,969	24,002	52,510
Nev.....	.9	0	0	72.1			311		
N. Mex.....	78.0	70.0	87.0	59.7	73.9	62.1	22,352	24,830	25,933
N.C.....	102.0	43.0	120.0	61.4	70.5	63.0	30,061	14,551	36,288
Okla.....	238.0	145.0	183.0	49.5	57.8	48.7	56,549	40,229	42,778
S.C.....	155.0	53.0	170.0	59.7	72.4	61.3	44,417	18,419	50,021
Tenn.....	339.0	151.0	337.0	57.7	68.5	56.9	93,889	49,649	92,041
Tex.....	2,700.0	2,380.0	3,680.0	51.3	59.3	55.1	664,848	677,443	973,286
Va.....	.4	.3	1.1	59.3	73.0	63.0	114	105	333
U.S.....	11,864.0	7,676.7	12,851.4	59.1	66.0	58.4	3,363,547	2,430,204	3,600,368
American-Pima:									
Ariz.....	65.9	46.9	88.1	96.8	101.0	91.0	30,620	22,737	38,482
N. Mex.....	10.0	15.8	12.4	102.0	114.0	99.3	4,896	8,646	5,910
Tex.....	22.8	32.0	29.9	102.0	108.0	94.0	11,163	16,589	13,491
U.S.....	98.7	94.7	130.4	98.5	106.0	92.5	46,679	47,972	57,883
U.S., all.....	11,962.7	7,771.4	12,981.8	59.4	66.4	58.7	3,410,226	2,478,176	3,658,251

<sup>1</sup> Production ginned and to be ginned. <sup>2</sup> Preliminary. <sup>3</sup> Includes allowance for unredeemed loans. <sup>4</sup> Average to Apr. 1, 1985 with no allowance for unredeemed loans. <sup>5</sup> 480-pound net weight bales. Statistical Reporting Service.

Table 85.—Cotton, American upland: Price-support operations, United States, 1970-85

Year beginning August	Support price <sup>1 2</sup>		Put under support <sup>4</sup>		Acquired by CCC under support <sup>5</sup>	Owned by CCC July 31
	Per pound	Percentage of parity <sup>3</sup>	Quantity	Percentage of production		
	<i>Cents</i>	<i>Percent</i>	<i>1,000 bales <sup>6</sup></i>	<i>Percent</i>	<i>1,000 bales <sup>6</sup></i>	<i>1,000 bales <sup>6</sup></i>
1970.....	36.95		2,386	23.7	10	262
1971.....	35.00		1,210	11.9	( <sup>7</sup> )	1
1972.....	35.85	65	1,910	14.5	( <sup>7</sup> )	0
1973.....	41.52	65	1,736	13.9	( <sup>7</sup> )	0
1974.....	* 38.00		2,420	21.5	( <sup>7</sup> )	0
1975.....	* 38.00		691	8.5	( <sup>7</sup> )	0
1976.....	* 43.20		941	9.2	( <sup>7</sup> )	0
1977.....	* 47.80		4,518	31.6	2	( <sup>7</sup> )
1978.....	* 52.00		1,524	14.2	( <sup>7</sup> )	( <sup>7</sup> )
1979.....	* 57.70		1,720	11.8	( <sup>7</sup> )	( <sup>1</sup> )
1980.....	* 58.40		2,276	20.7	22	( <sup>7</sup> )
1981.....	* 70.87		6,028	38.7	931	1
1982.....	* 71.00		5,003	42.2	786	397
1983.....	* 76.00		1,743	22.7	0	158
1984.....	* 81.00		<sup>9</sup> 3,000	23.4	<sup>9</sup> 0	<sup>9</sup> 100
1985.....	* 81.00					

<sup>1</sup> Average of the crop from 1966 through 1970; Middling 1-inch, micronaire 3.5-4.9, net weight for 1971 through 1973, established "target" price for 1974 and succeeding years. <sup>2</sup> Includes price-support payments as follows: To program participants on projected production from farm's domestic allotment, 11.53 cents in 1967, 12.24 cents in 1968, 14.73 cents in 1969, and 16.80 cents in 1970; and, on production from area planted within the farm base area allotment, 15 cents in 1971, 1972, and 1973. <sup>3</sup> Percentage of parity price as of the beginning of the marketing year. <sup>4</sup> Includes loans made. <sup>5</sup> Acquisitions from crop harvested in the year indicated and not acquisitions during that year. <sup>6</sup> Running bales. <sup>7</sup> Less than 500 bales. <sup>8</sup> Established price or "target" price. If the average market price is below the target price, eligible producers will receive payment at a rate equal to the difference between the target price and the higher of the loan level or the average market price. No payments were made on the 1973-80 crops. <sup>9</sup> Estimated.

Agricultural Stabilization and Conservation Service.

Table 86.—Cotton: Area, yield, and production in specified countries, 1982-84 <sup>1</sup>

Continent and country	Area			Yield per hectare			Production		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
North and Central America:	1,000 hectares	1,000 hectares	1,000 hectares	Kilo- grams	Kilo- grams	Kilo- grams	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
United States.....	3,939	2,973	4,200	661	569	673	11,963	7,771	12,982
El Salvador.....	50	38	37	801	791	84	184	138	140
Guatemala.....	49	57	57	993	1,070	1,146	210	280	300
Honduras.....	4	7	7	762	653	622	14	21	20
Mexico.....	204	245	320	921	922	850	863	1,038	1,250
Nicaragua.....	90	117	110	847	614	564	350	330	285
Other incl. Caribbean.....	21	23	25	249	265	287	24	28	83
Total.....	4,357	3,460	4,756	680	604	687	13,608	9,606	15,010
South America:									
Argentina.....	360	475	450	310	377	387	512	822	800
Bolivia.....	8	5	5	218	435	435	8	10	10
Brazil.....	2,113	1,960	2,240	308	286	379	2,985	2,577	3,900
Colombia.....	56	122	214	587	628	587	151	352	577
Ecuador.....	23	6	5	435	544	740	46	15	17
Paraguay.....	240	280	400	333	321	327	367	413	600
Peru.....	83	95	140	433	761	715	165	332	460
Venezuela.....	14	25	48	451	488	272	29	56	60
Total.....	2,897	2,968	3,502	320	336	400	4,263	4,577	6,424
Europe:									
Greece.....	137	168	192	692	762	836	436	588	645
Italy.....	3	3	3	218	218	218	3	3	3
Spain.....	49	40	60	1,120	996	860	252	183	237
Bulgaria.....	13	13	13	335	301	335	20	18	20
Yugoslavia.....	3	4	5	290	163	348	4	3	8
Other Europe.....	28	28	28	272	272	272	35	35	35
Total.....	233	256	301	701	706	722	750	830	948
Soviet Union.....	3,188	3,192	3,347	815	838	761	11,932	12,280	11,700
Africa:									
Angola.....	25	25	25	174	174	174	20	20	20
Cameroon.....	55	71	73	519	521	522	131	170	175
Central African Rep.....	68	72	80	150	169	191	47	56	70
Chad.....	137	176	142	275	340	285	173	275	186
Zaire.....	75	81	80	136	118	122	47	44	45
Kenya.....	150	145	110	61	57	59	42	38	30
Malawi.....	35	35	35	218	218	218	35	35	35
Morocco.....	11	11	11	554	594	693	28	30	35
Mozambique.....	110	110	100	109	109	109	55	55	50
Nigeria.....	205	195	220	96	71	72	90	64	73
Zimbabwe.....	138	191	190	435	429	430	276	376	375
South Africa.....	105	99	110	257	345	416	124	157	210
Sudan.....	392	407	370	533	538	506	959	1,006	860
Tanzania.....	360	344	310	119	137	130	197	216	185
Uganda.....	468	600	600	25	30	31	54	83	85
Egypt.....	447	425	419	1,031	991	931	2,117	1,934	1,791
Other Africa.....	591	623	675	362	344	382	982	984	1,183
Total.....	3,372	3,610	3,550	347	334	332	5,377	5,543	5,408
Asia, Mid-East, and Oceania:									
Afghanistan.....	50	50	50	435	435	435	100	100	100
Australia.....	96	137	194	1,052	1,030	1,122	464	648	1,000
Burma.....	217	231	230	161	165	166	160	175	175
China.....	5,828	6,077	6,800	616	763	893	16,500	21,300	27,900
India.....	7,871	7,765	7,900	175	171	193	6,324	6,086	7,000
Iran.....	205	184	184	454	473	473	427	400	400
Iraq.....	65	65	65	218	218	218	65	65	65
Israel.....	56	54	63	1,547	1,714	1,389	398	425	402
Korea, Rep. of.....	4	3	2	327	363	436	6	5	4
Pakistan.....	2,263	2,277	2,336	364	209	429	3,781	2,188	4,600
Yemen (Aden).....	16	16	16	340	340	340	25	25	25
Syria.....	159	176	174	994	1,099	942	726	888	753
Thailand.....	114	100	112	357	398	358	187	183	184
Turkey.....	595	614	750	822	850	773	2,246	2,398	2,664
Other Asia.....	100	123	108	239	212	238	110	120	118
Total.....	17,639	17,872	18,984	389	426	521	31,519	35,006	45,390
World total.....	31,686	31,358	34,440				67,449	67,842	84,880

See footnotes on page 65.



Table 87.—Cotton: Supply and distribution, United States, 1970-84

Year beginning August	Supply					Distribution				
	Beginning of season		Ginnings in season <sup>1</sup>	Imports <sup>2</sup>	Total supply	Consumption		Exports	Carryover, end of season	
	Foreign	Total				Foreign	Total <sup>3</sup>		Foreign	Total
	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>
1970.....	27	5,760	10,269	36	16,065	31	8,068	3,740	15	4,252
1971.....	15	4,252	10,187	72	14,511	37	8,039	3,229	24	3,234
1972.....	24	3,234	13,242	30	16,506	36	7,470	5,000	13	3,929
1973.....	13	3,929	12,773	48	16,750	33	7,172	5,746	11	3,743
1974.....	11	3,743	11,224	34	15,000	21	5,629	3,746	17	5,481
1975.....	17	5,481	8,174	92	13,746	23	6,986	3,178	48	3,594
1976.....	48	3,594	10,395	38	14,027	35	6,478	4,565	13	2,920
1977.....	13	2,920	14,076	5	17,002	12	6,236	5,219	6	5,326
1978.....	6	5,326	10,478	4	15,808	4	6,098	5,850	4	3,782
1979.....	4	3,782	14,389	5	18,177	3	6,261	8,779	2	3,027
1980.....	2	3,027	10,671	27	13,726	2	5,664	5,639	1	2,595
1981.....	1	2,595	15,146	26	17,767	( <sup>5</sup> )	5,043	6,263	2	6,399
1982.....	2	6,399	11,488	2	17,890	5	5,259	4,961	1	7,561
1983.....	1	7,561	7,665	9	15,235	( <sup>5</sup> )	5,628	6,419	1	2,906
1984 <sup>6</sup> .....	1	2,906								

<sup>1</sup> Ginnings during the 12 months, Aug. 1-July 31. Includes an allowance for "city crop" which consists of rebaled samples and pickings from cotton damaged by fire and weather. <sup>2</sup> Total imports minus re-exports. <sup>3</sup> Adjusted to marketing year. <sup>4</sup> Equivalent running bales. <sup>5</sup> Data withheld to avoid disclosing figures for individual companies. <sup>6</sup> Preliminary.

Agricultural Marketing Service. Compiled from reports of the Bureau of the Census.

Table 88.—Cotton: Mill consumption, by growths, United States, 1970-83

Year beginning August	Domestic			Foreign				All growths
	Upland	American Pima <sup>1</sup>	Total	Egyptian	Indian	Other	Total	
	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>
1970.....	7,958,398	78,765	8,037,163	15,401	11,608	3,596	30,605	8,067,768
1971.....	7,993,459	68,708	8,062,167	18,416	12,430	6,049	36,895	8,039,062
1972.....	7,354,949	78,831	7,433,780	11,611	18,026	6,699	36,336	7,470,116
1973.....	7,069,451	69,894	7,139,345	12,905	16,534	3,347	32,786	7,172,131
1974.....	5,559,862	48,519	5,608,381	8,857	7,808	4,192	20,857	5,629,238
1975.....	6,888,486	74,137	6,962,623	12,317	9,966	702	22,985	6,985,608
1976.....	6,394,429	48,407	6,442,836	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	34,888	6,477,724
1977.....	6,170,934	53,246	6,224,180	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	11,698	6,235,878
1978.....	6,031,854	62,146	6,094,000	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	4,143	6,098,143
1979.....	6,196,192	61,843	6,258,035	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2,717	6,260,752
1980.....	5,601,874	59,375	5,661,249	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2,375	5,663,624
1981.....	4,998,461	44,670	5,043,131	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	5,043,131
1982.....	5,205,024	48,525	5,253,549	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	5,046	5,258,595
1983.....	5,564,206	64,130	5,628,336	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	5,628,336

<sup>1</sup> Includes Sea Island cotton.

<sup>2</sup> Equivalent running bales.

<sup>3</sup> Not reported separately.

Agricultural Marketing Service. Compiled from reports of the Bureau of the Census.

## FOOTNOTES FOR TABLE 86

<sup>1</sup> Harvest season beginning Aug. 1.

<sup>2</sup> Preliminary.

<sup>3</sup> 480-pound net weight.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign government, other foreign sources materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.



Table 89.—Cotton, American upland: Carryover, crop, supply, and disappearance, running bales, by grade groupings, United States, 1976-84

Year beginning August	White <sup>1</sup>						Light Spotted				Other Colored <sup>2</sup>	All grades <sup>3</sup>
	11	21	31	41	51	61 and 71	22 and higher	32	42	52 and lower		
	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
<b>Carryover:</b>												
1976.....	( <sup>4</sup> )	25	525	1,175	657	105	4	176	378	173	296	3,513
1977.....	( <sup>4</sup> )	27	336	999	482	81	3	162	297	119	361	2,867
1978.....	( <sup>4</sup> )	74	716	1,806	827	129	20	584	657	198	247	5,258
1979.....		21	259	1,415	601	90	7	288	621	214	213	3,730
1980.....	( <sup>4</sup> )	109	463	949	471	63	3	280	320	89	242	2,990
1981.....	( <sup>4</sup> )	31	392	877	391	53	1	86	334	151	226	2,542
1982.....	( <sup>4</sup> )	56	499	1,279	890	153	4	347	1,394	1,035	652	6,309
1983.....	( <sup>4</sup> )	30	340	1,795	1,254	157	14	640	1,765	780	685	7,461
1984.....	( <sup>4</sup> )	26	458	899	460	32	7	180	388	182	177	2,811
<b>Crop:</b>												
1976.....	( <sup>4</sup> )	25	1,402	4,169	1,138	163	6	587	1,208	456	1,131	10,284
1977.....	1	136	2,943	4,970	1,611	200	22	1,390	1,740	495	400	13,909
1978.....	( <sup>4</sup> )	33	1,311	4,174	1,490	229	4	529	1,727	635	325	10,459
1979.....	1	223	3,160	4,531	1,428	188	13	1,579	1,991	404	647	14,166
1980.....	( <sup>4</sup> )	84	2,621	3,047	1,093	185	2	380	1,790	748	775	10,724
1981.....	1	142	2,570	3,539	1,454	248	5	721	3,209	2,074	1,110	15,073
1982.....	( <sup>4</sup> )	77	1,508	3,434	1,935	230	17	700	1,939	914	676	11,430
1983.....	( <sup>4</sup> )	22	1,120	2,404	792	91	3	328	1,086	772	794	7,413
1984 <sup>5</sup> .....	1	261	2,704	2,559	1,360	184	9	406	1,717	2,892	324	12,419
<b>Supply: <sup>6</sup></b>												
1976.....	( <sup>4</sup> )	50	1,933	5,359	1,799	268	10	765	1,590	631	1,430	13,836
1977.....	1	164	3,291	5,989	2,100	282	25	1,558	2,043	616	764	16,834
1978.....	( <sup>4</sup> )	106	2,018	5,953	2,306	356	24	1,108	2,374	830	570	15,646
1979.....	1	246	3,443	5,988	2,043	280	20	1,881	2,630	623	866	18,023
1980.....	1	190	3,049	3,951	1,547	245	5	653	2,085	828	1,005	13,559
1981.....	1	173	2,961	4,415	1,844	301	6	806	3,542	2,225	1,336	17,610
1982.....	( <sup>4</sup> )	133	2,002	4,703	2,818	382	21	1,045	3,326	1,945	1,325	17,701
1983 <sup>5</sup> .....	( <sup>4</sup> )	53	1,476	4,245	2,068	251	18	979	2,881	1,569	1,494	15,035
<b>Disappearance: <sup>7</sup></b>												
1976.....	( <sup>4</sup> )	23	1,597	4,360	1,318	187	7	602	1,293	512	1,069	10,969
1977.....	1	91	2,575	4,183	1,274	154	5	974	1,386	418	516	11,576
1978.....	( <sup>4</sup> )	85	1,759	4,538	1,705	266	17	820	1,753	616	357	11,916
1979.....	1	138	2,980	5,040	1,572	218	17	1,601	2,311	533	624	15,033
1980.....	( <sup>4</sup> )	159	2,658	3,074	1,156	192	5	567	1,751	676	779	11,018
1981.....	1	117	2,461	3,136	955	149	2	459	2,148	1,189	684	11,301
1982.....	( <sup>4</sup> )	102	1,662	2,907	1,564	225	7	406	1,561	1,165	640	10,240
1983.....	( <sup>4</sup> )	27	1,019	3,346	1,608	219	10	799	2,493	1,387	1,317	12,225

<sup>1</sup> "Plus" grades included.<sup>2</sup> Includes all grades of Spotted, Tinged, Stained, Light Gray, Gray, and Below Grade.<sup>3</sup> As reported by the Bureau of the Census.<sup>4</sup> Less than 500 bales.<sup>5</sup> Preliminary.<sup>6</sup> Carryover at the beginning

of the season, plus ginnings, August 1-July 31.

<sup>7</sup> Supply minus carryover at the end of the season.

Agricultural Marketing Service.

Table 90.—Cotton, American upland: Carryover, crop, supply, and disappearance, running bales, by staple groupings, United States, 1976-84

Year beginning August	Staple										All staples <sup>1</sup>
	26 and shorter	28	29	30	31	32	33	34	35	36 and longer	
	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
<b>Carryover:</b>											
1976.....	1	16	71	223	192	214	356	997	1,072	371	3,513
1977.....	( <sup>2</sup> ) 1	18	123	162	264	375	914	736	273	2,867	
1978.....	( <sup>2</sup> ) 4	29	204	442	608	851	1,454	1,298	369	5,258	
1979.....	( <sup>2</sup> ) 2	18	109	212	506	734	1,121	780	249	3,730	
1980.....	1	9	29	117	195	373	415	666	853	331	2,990
1981.....	1	8	18	86	120	260	293	701	694	362	2,542
1982.....	2	29	133	500	855	778	532	1,381	1,569	530	6,309
1983.....	1	21	85	485	890	598	477	1,115	2,224	1,564	7,461
1984.....	( <sup>2</sup> ) 1	7	56	135	233	255	664	910	550	2,811	
<b>Crop:</b>											
1976.....	1	9	77	570	980	890	1,060	2,526	2,953	1,219	10,284
1977.....	( <sup>2</sup> ) 7	62	656	1,645	1,716	1,342	2,402	4,558	1,521	13,909	
1978.....	1	9	89	432	877	1,335	1,090	2,497	3,113	1,017	10,459
1979.....	4	24	126	650	1,453	1,775	1,239	1,462	4,378	3,056	14,166
1980.....	7	51	164	452	798	1,040	903	1,670	3,318	2,322	10,724
1981.....	2	25	155	805	1,924	1,700	1,124	2,725	4,419	2,194	15,073
1982.....	2	16	78	412	935	676	454	985	3,509	4,362	11,430
1983.....	3	22	65	251	482	471	513	1,012	2,531	2,063	7,413
1984 <sup>3</sup> .....	7	45	122	414	761	719	715	1,149	2,858	5,630	12,419
<b>Supply:<sup>4</sup></b>											
1976.....	1	25	149	796	1,175	1,107	1,421	3,533	4,036	1,594	13,836
1977.....	( <sup>2</sup> ) 9	80	782	1,813	1,987	1,723	3,327	5,313	1,800	16,834	
1978.....	1	13	117	633	1,313	1,933	1,932	3,933	4,391	1,379	15,646
1979.....	4	26	145	764	1,677	2,297	1,987	2,601	5,195	3,328	18,023
1980.....	8	60	191	563	981	1,397	1,303	2,310	4,123	2,623	13,559
1981.....	3	33	173	890	2,043	1,959	1,417	3,425	5,112	2,556	17,610
1982.....	4	45	210	911	1,786	1,451	985	2,360	5,067	4,882	17,701
1983 <sup>3</sup> .....	4	43	152	744	1,386	1,081	1,001	2,150	4,807	3,666	15,035
<b>Disappearance:<sup>5</sup></b>											
1976.....	1	23	130	672	1,013	843	1,046	2,619	3,299	1,321	10,969
1977.....	( <sup>2</sup> ) 5	51	578	1,372	1,379	872	1,873	4,015	1,431	11,576	
1978.....	1	11	99	525	1,101	1,427	1,199	2,812	3,611	1,131	11,916
1979.....	3	17	115	646	1,482	1,924	1,572	1,935	4,342	2,997	15,033
1980.....	7	52	173	477	862	1,137	1,010	1,609	3,429	2,260	11,018
1981.....	1	4	40	390	1,188	1,180	885	2,044	3,543	2,026	11,301
1982.....	3	24	125	426	896	853	507	1,245	2,843	3,318	10,240
1983.....	4	43	145	688	1,252	848	746	1,486	3,897	3,117	12,225

<sup>1</sup> As reported by the Bureau of the Census. <sup>2</sup> Less than 500 bales. <sup>3</sup> Preliminary. <sup>4</sup> Carryover at the beginning of the season, plus ginnings, August 1-July 31. <sup>5</sup> Supply minus carryover at the end of the season.

Agricultural Marketing Service.

Table 91.—Cotton, American Pima: Carryover and crop, running bales, by grade and staple, United States, 1976-84

Year beginning August	Grade					Staple				All grades and all staples <sup>1</sup>
	01 and 02	03 and 04	05 and 06	07 and 08	09 and 10	42 and shorter	44	46	48 and longer	
Carryover:	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
1976.....	1.6	19.4	8.8	2.1	0.3	0.6	26.0	5.0	0.6	32.3
1977.....	3.4	31.5	4.0	1.0	.4	.4	27.1	12.4	.4	40.3
1978.....	3.4	41.1	14.3	3.0	.6	1.4	31.8	29.0	.3	62.5
1979.....	2.1	23.1	18.3	1.7	2.0	1.7	17.2	28.4	( <sup>2</sup> )	47.3
1980.....	3.2	27.5	3.0	1.0	.9	1.7	19.2	14.8	.....	35.6
1981.....	1.2	43.3	6.1	1.3	.5	.9	11.8	39.0	.8	52.5
1982.....	1.3	57.0	25.8	3.3	.5	.6	19.0	67.1	1.2	87.9
1983.....	.2	53.6	38.2	5.6	1.1	.6	16.4	80.7	1.1	98.8
1984.....	3.0	65.7	22.9	2.2	.1	.1	23.2	67.9	2.7	93.9
Crop:										
1976.....	1.2	52.6	8.0	1.0	.2	1.3	37.2	24.5	.....	63.0
1977.....	.1	85.9	19.8	2.4	.5	1.9	51.0	55.9	( <sup>2</sup> )	108.8
1978.....	.2	47.4	35.8	5.1	1.6	1.5	19.5	69.0	.....	90.0
1979.....	2.7	86.9	5.2	.9	.5	1.2	15.6	79.4	( <sup>2</sup> )	96.3
1980.....	2.7	87.3	9.9	1.5	.5	.6	4.2	95.0	2.1	102.0
1981.....	.8	65.1	9.6	1.5	.5	1.0	14.6	60.7	1.2	77.4
1982.....	.2	59.8	32.6	2.7	1.0	.4	5.6	90.1	.2	96.4
1983.....	( <sup>2</sup> )	61.6	25.5	2.3	1.5	.8	7.0	82.9	.2	90.9
1984 <sup>3</sup> .....	( <sup>2</sup> )	83.1	38.5	2.9	1.5	.2	9.9	110.9	5.1	126.1

<sup>1</sup> Bureau of the Census.<sup>2</sup> Less than 50 bales.<sup>3</sup> Preliminary.

Agricultural Marketing Service.

**Table 92.—Cotton, upland: Average staple length of upland cotton ginned, by States, 1979-84**

State	Average staple length (32ds of an inch) <sup>1</sup>					
	1979	1980	1981	1982	1983	1984 <sup>2</sup>
Ala.....	34.8	34.3	34.0	34.8	34.5	35.0
Ariz.....	34.8	34.7	34.3	34.7	35.1	35.3
Ark.....	35.4	34.6	35.1	35.5	35.2	35.7
Calif.....	35.3	35.6	35.3	35.7	35.6	36.2
Ga.....	34.4	33.7	34.6	35.2	35.3	35.4
La.....	35.2	34.2	34.4	35.2	35.1	35.8
Miss.....	35.4	34.8	34.5	35.5	34.8	35.4
Mo.....	35.6	35.2	35.4	35.3	34.9	35.8
N. Mex.....	34.9	35.9	35.8	35.5	36.0	35.5
N.C.....	35.0	34.1	34.9	35.6	34.5	35.6
Okla.....	32.6	32.5	31.5	32.4	32.3	32.2
S.C.....	35.5	34.1	35.5	35.9	34.9	35.8
Tenn.....	34.8	33.9	34.4	35.2	33.9	34.6
Tex.....	32.0	31.8	31.8	31.8	32.7	32.4
Other States.....	35.1	34.6	34.7	34.6	35.2	( <sup>3</sup> )
U.S.....	33.9	34.0	33.6	34.5	34.3	34.7

<sup>1</sup> Average calculated on numerical equivalents of the staple-length designations. For example,  $\frac{7}{8}$ -inch = 28,  $\frac{29}{32}$ -inch = 29, etc. <sup>2</sup> Preliminary. <sup>3</sup> Not available.

Agricultural Marketing Service.

**Table 93.—Cotton: International trade, 1978-83 <sup>1</sup>**

Country	1978	1979	1980	1981	1982	1983 <sup>2</sup>
	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>
Principal exporting countries:						
Mexico.....	910	913	818	756	410	475
Nicaragua.....	500	90	323	265	340	300
United States.....	6,180	9,229	5,926	6,567	5,207	6,786
Brazil.....	141	0	41	138	825	78
Peru.....	95	128	189	160	279	30
Greece.....	127	77	61	86	43	235
Soviet Union.....	3,756	3,770	4,070	4,295	3,300	3,450
Iran.....	317	125	20	0	0	0
Pakistan.....	246	1,177	1,510	1,097	1,273	277
Syria.....	551	457	328	360	509	700
Turkey.....	962	617	1,000	956	654	499
Egypt.....	690	876	749	898	920	780
Sudan.....	814	431	350	475	600	1,050
Tanzania.....	210	228	194	167	190	133
Uganda.....	34	36	5	14	50	50
Total.....	15,533	18,154	15,584	16,234	14,600	14,843
Principal importing countries:						
Canada.....	255	289	276	190	248	243
Austria.....	99	115	95	96	95	106
Belgium.....	156	181	130	172	162	157
France.....	801	922	784	925	870	775
Germany, Fed. Rep. of.....	815	888	724	894	1,039	988
Italy.....	1,020	1,118	940	1,001	1,050	1,150
Netherlands.....	120	106	100	78	51	45
Poland.....	735	741	792	634	698	622
Portugal.....	471	592	605	569	585	668
Spain.....	328	324	190	140	272	368
Sweden.....	24	22	12	16	24	25
Switzerland.....	222	240	236	247	272	255
United Kingdom.....	430	404	140	227	240	217
Hong Kong.....	828	1,198	702	699	780	997
South Korea.....	1,363	1,627	1,527	1,496	1,563	1,602
Japan.....	3,382	3,336	3,207	3,504	3,137	3,338
China.....	2,200	3,990	3,550	2,100	980	250
Total.....	13,249	16,093	14,010	12,988	12,066	11,806

<sup>1</sup> Crop year beginning Aug. 1. <sup>2</sup> Preliminary. <sup>3</sup> 480-pound net weight.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors Attachés, and Foreign Service Officers, results of office research, and related information.

Table 94.—Cotton: United States exports, by country of destination, 1981-83

Country of destination	Year beginning August			Country of destination	Year beginning August		
	1981	1982	1983		1981	1982	1983
	<i>1,000 bales<sup>1</sup></i>	<i>1,000 bales<sup>1</sup></i>	<i>1,000 bales<sup>1</sup></i>		<i>1,000 bales<sup>1</sup></i>	<i>1,000 bales<sup>1</sup></i>	<i>1,000 bales<sup>1</sup></i>
Austria.....	3	0	0	Australia.....	2	2	0
Belgium and Luxembourg.....	35	12	66	Canada.....	167	238	227
Denmark.....	1	1	0	Chile.....	3	2	2
Finland.....	12	9	9	Colombia.....	0	9	0
France.....	58	45	154	Cuba.....	0	0	0
Germany, Fed. Rep. of.....	119	163	195	Ethiopia.....	0	0	0
Italy.....	106	105	252	Hong Kong.....	243	158	283
Netherlands.....	2	7	6	India.....	(2)	0	0
Norway.....	7	10	11	Indonesia.....	286	268	320
Poland.....	1	0	0	Israel.....	28	6	0
Portugal.....	54	40	69	Japan.....	1,626	1,286	1,709
Spain.....	57	73	114	Korea, Rep. of.....	1,412	1,322	1,269
Sweden.....	17	23	28	Pakistan.....	1	(2)	115
Switzerland.....	85	53	70	Philippines.....	58	72	59
United Kingdom.....	43	50	67	South Africa.....	(2)	0	0
Yugoslavia.....	0	112	119	Taiwan.....	777	378	495
Other Europe.....	184	367	448	Thailand.....	167	197	244
				Uruguay.....	0	0	0
				Other countries.....	1,013	199	454
Total Europe.....	784	1,070	1,608	Total.....	6,567	5,207	6,785

<sup>1</sup> 480 pounds net.<sup>2</sup> Less than 500 bales.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 95.—Cotton and cotton linters: United States imports for consumption, by country of origin, 1981-83

Country of origin	Year beginning August			Country of origin	Year beginning August		
	1981	1982	1983		1981	1982	1983
	<i>Bales<sup>1</sup></i>	<i>Bales<sup>1</sup></i>	<i>Bales<sup>1</sup></i>		<i>Bales<sup>1</sup></i>	<i>Bales<sup>1</sup></i>	<i>Bales<sup>1</sup></i>
Cotton, raw:				Cotton linters:			
Egypt.....	3,015	4,928	2,935	El Salvador.....	0	0	0
India.....	0	18	86	Guatemala.....	0	0	1,037
Mexico.....	17,215	11,774	5,738	Mexico.....	23,635	23,447	24,068
Pakistan.....	0	154	756	Nicaragua.....	0	0	0
Peru.....	2,983	772	0	Soviet Union.....	0	0	1,132
Other countries.....	2,962	2,368	2,338	Other countries.....	5,797	6,586	73,808
Total.....	26,175	20,014	11,853	Total.....	29,432	30,033	100,045

<sup>1</sup> 480 pounds net.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 97

<sup>1</sup> Averages for the designated spot markets.<sup>2</sup> Net weight basis beginning 1971. Prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Agricultural Marketing Service.

## FOOTNOTES FOR TABLE 98

<sup>1</sup> Averages for the designated spot markets.<sup>2</sup> Net weight basis beginning 1971. Prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Agricultural Marketing Service.



**Table 96.—Cotton, American upland: Percentage distribution of mike readings, by specified groups, United States, 1970-84**

Year beginning August	Mike groups						
	26 and below	27 to 29	30 to 32	33 to 34	35 to 49	50 to 52	53 and above
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1970.....	0.3	1.1	2.9	2.8	83.7	7.5	1.7
1971.....	2.4	5.6	6.5	3.7	76.6	4.1	1.1
1972.....	1.5	3.8	6.3	3.9	77.9	5.6	1.0
1973.....	.4	1.1	2.5	2.4	83.5	8.4	1.7
1974.....	2.6	3.7	5.4	4.0	76.5	6.1	1.7
1975.....	3.3	7.9	9.5	5.3	68.7	4.3	1.0
1976.....	1.3	2.8	5.0	4.5	77.2	7.0	2.2
1977.....	.1	.6	1.9	2.2	80.2	11.4	3.6
1978.....	.2	1.4	4.6	4.7	76.7	9.5	2.9
1979.....	1.8	9.1	11.3	5.6	66.6	4.5	1.1
1980.....	.3	1.7	4.0	3.7	80.3	8.3	1.7
1981.....	1.0	3.6	7.8	5.8	73.5	6.6	1.7
1982.....	.5	1.2	2.7	3.0	87.9	4.0	.7
1983.....	.5	1.7	3.6	3.7	83.7	5.7	1.1
1984 <sup>1</sup> .....	2.4	6.2	8.7	5.9	73.2	3.0	.6

<sup>1</sup> Preliminary.

Agricultural Marketing Service.

**Table 97.—Cotton, American upland: Spot prices in cents per pound for specified grades of 1½<sup>16</sup>-inch staple, 1970-83 <sup>1</sup>**

Year beginning August	White				Light Spotted			Spotted	
	Middling	Strict Low Middling	Low Middling	Strict Good Ordinary	Middling	Strict Low Middling	Low Middling	Middling	Strict Low Middling
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1970.....	25.66	24.32	22.69	21.06	24.38	22.93	21.44	22.14	21.33
1971.....	33.91	32.96	31.65	29.54	32.88	31.50	29.69	30.37	29.28
1972.....	37.86	35.59	32.51	27.65	35.45	32.28	28.08	29.77	27.01
1973.....	69.37	67.10	63.24	54.61	66.74	62.47	55.28	56.22	52.37
1974.....	43.85	41.69	38.48	32.32	41.59	38.51	33.13	34.65	31.48
1975.....	59.37	57.99	55.47	49.90	58.04	55.58	50.98	52.50	49.71
1976.....	72.28	70.88	68.23	63.11	70.94	68.41	63.98	65.04	62.12
1977.....	54.19	52.74	49.73	45.89	52.76	49.89	46.40	47.57	45.03
1978.....	63.23	61.58	57.98	53.39	61.57	58.15	53.91	55.19	52.63
1979.....	72.69	71.48	68.44	61.90	71.42	68.44	62.54	64.14	60.90
1980.....	84.12	82.99	79.20	71.17	82.89	79.27	72.17	74.11	69.94
1981.....	61.86	60.48	54.92	46.43	60.33	55.71	47.63	50.01	45.57
1982.....	64.91	63.08	57.49	49.47	62.87	58.50	50.86	53.19	49.08
1983.....	74.80	73.11	68.58	61.93	72.90	69.63	63.62	65.37	61.64

See footnotes on page 70.

**Table 98.—Cotton, American upland: Spot prices in cents per pound for specified staple lengths of Strict Low Middling, 1970-83 <sup>1</sup>**

Year beginning August	Staple							
	28	29	30	31	32	33	34	35
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1970.....	20.80	21.26	21.80	22.19	22.44	23.34	24.32	24.61
1971 <sup>2</sup> .....	29.24	29.64	30.01	30.32	30.79	31.97	32.96	33.16
1972.....	27.62	28.02	28.57	29.38	31.26	33.68	35.59	35.77
1973.....	47.18	48.37	49.95	52.64	55.85	64.59	67.10	67.31
1974.....	32.58	33.53	34.88	36.27	37.41	40.02	41.69	41.89
1975.....	49.34	50.07	51.29	52.34	53.49	56.44	57.99	58.18
1976.....	61.86	62.68	63.87	64.66	65.99	69.34	70.88	71.08
1977.....	45.09	45.74	46.79	47.30	48.26	51.27	52.74	52.95
1978.....	51.91	52.49	53.43	54.22	55.23	59.92	61.58	61.89
1979.....	59.03	59.54	60.54	62.08	63.42	69.53	71.48	71.87
1980.....	66.52	67.26	69.74	73.96	75.70	80.95	82.99	83.39
1981.....	47.60	48.14	49.92	52.54	54.13	58.28	60.48	60.89
1982.....	50.27	50.55	52.40	54.89	56.43	60.79	63.08	63.48
1983.....	60.82	61.00	62.53	64.63	66.32	70.71	73.11	73.55

See footnotes on page 70.

**Table 99.—Cotton, American upland: High, low, and season average spot prices for the base quality in the designated markets, cents per pound, 1974-83 <sup>1</sup>**

Season beginning August	Strict Low Middling 1½"			Season beginning August	Strict Low Middling 1½"		
	Average	High	Low		Average	High	Low
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1974.....	41.69	53.42	34.93	1979.....	71.48	84.82	60.62
1975.....	57.99	86.84	46.74	1980.....	82.99	92.29	72.65
1976.....	70.88	79.36	55.21	1981.....	60.48	71.31	53.51
1977.....	52.74	59.28	47.02	1982.....	63.08	73.35	57.34
1978.....	61.58	67.57	56.46	1983.....	73.11	81.61	63.79

<sup>1</sup> Prices are for mixed lots, net weight, uncompressed in warehouse.

Agricultural Marketing Service.

**Table 100.—Cotton, American upland: Season average spot prices for the base quality, by designated markets, cents per pound, 1974-83 <sup>1</sup>**

Market	Strict Low Middling 1½ inches									
	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Greenville .....	42.80	59.19	71.85	53.33	62.09	73.24	84.54	61.57	63.50	73.28
Augusta .....	43.63	60.22	72.70	53.81	62.50	73.92	85.21	61.87	.....	.....
Montgomery .....	42.45	58.93	71.54	53.24	61.92	72.57	84.28	61.34	63.50	72.93
Memphis .....	41.86	58.48	71.28	52.75	61.68	72.55	83.81	61.00	63.33	73.25
Greenwood .....	42.20	58.54	71.21	52.75	61.84	72.73	84.30	61.34	63.35	73.14
Dallas .....	40.31	55.84	69.43	50.53	58.33	66.91	80.65	58.32	61.62	70.79
Houston .....	41.70	57.65	70.94	51.58	59.45	.....	.....	.....	.....	.....
Lubbock .....	38.90	55.06	67.79	50.04	58.27	66.43	79.66	57.96	60.84	70.35
Phoenix .....	40.52	57.20	70.12	52.71	61.98	71.98	81.70	59.93	63.17	74.13
Fresno .....	42.53	58.72	71.93	56.67	67.66	73.76	82.80	61.02	64.49	77.02
Average .....	41.69	57.99	70.88	52.74	61.58	71.48	82.99	60.48	63.08	73.11

<sup>1</sup> Year beginning August. Prices are for mixed lots, net weight, uncompressed in warehouse.

Agricultural Marketing Service.

**Table 101.—Cotton: Average charge per 480-pound net weight bale to farmers for ginning cotton (including bagging and ties), by States, 1978-83 <sup>1</sup>**

Kind of cotton and State	1978	1979	1980	1981	1982	1983
Upland:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	31.21	31.81	32.53	31.79	33.70	36.46
Ariz.....	33.93	33.91	38.60	42.91	42.87	43.17
Ark.....	35.53	36.40	37.83	35.02	37.61	41.12
Cal.....	37.28	39.57	44.38	46.38	48.59	50.15
Ga.....	30.36	32.69	41.01	41.91	44.50	43.34
La.....	30.21	30.57	36.70	31.25	35.32	35.24
Miss.....	31.07	31.45	34.76	34.71	36.00	38.54
Mo.....	40.55	40.87	45.82	38.40	39.99	41.90
N. Mex.....	40.30	47.34	50.21	48.55	47.02	49.72
N.C.....	32.83	36.82	34.03	39.65	44.50	45.40
Okla.....	32.23	37.88	37.67	48.83	47.35	46.35
S.C.....	33.60	33.06	32.42	38.83	42.75	41.11
Tenn.....	32.16	35.41	34.89	31.66	33.86	39.50
Tex.....	39.82	44.65	52.18	46.69	49.01	50.20
All upland cotton.....	36.16	39.31	43.77	42.90	43.46	45.87
American Pima.....	39.04	44.33	52.23	56.27	59.00	62.00

<sup>1</sup> Crop year beginning Aug. 1. Includes bagging and ties, drying of seed cotton, and use of lint cleaners. Economic Research Service.

**Table 102.—Cotton linters: Supply, distribution, season average price, United States, 1970-84**

Year beginning August	Supply				Distribution		Price per pound <sup>1</sup>		
	Stocks Aug. 1	Production	Imports	Total	Consumption	Exports	Felting linters		Chemical grade
							High grade	Medium grade	
	<i>1,000 bales <sup>2</sup></i>	<i>1,000 bales <sup>2</sup></i>	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>2</sup></i>	<i>1,000 bales <sup>2</sup></i>	<i>1,000 bales <sup>4</sup></i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1970.....	342	1,147	67	1,556	920	171	7.32	5.01	2.75
1971.....	413	1,145	49	1,607	1,017	152	8.11	6.01	2.33
1972.....	363	1,341	30	1,734	1,111	259	7.17	4.49	2.92
1973.....	290	1,332	32	1,654	964	374	11.39	9.04	9.58
1974.....	295	1,270	23	1,588	888	217	9.34	6.27	8.83
1975.....	487	847	25	1,360	838	182	9.30	6.56	4.25
1976.....	445	983	70	1,498	999	210	10.26	7.36	3.75-7.25
1977.....	279	1,174	50	1,504	970	239	9.85	7.12	5.25-6.87
1978.....	282	1,077	60	1,419	980	263	11.92	9.70	7.00-8.60
1979.....	229	1,129	80	1,438	897	276	15.34	12.63	11.56-13.36
1980.....	316	1,097	40	1,452	832	261	14.46	9.52	9.00-11.82
1981.....	356	1,210	22	1,588	823	267	13.28	7.88	6.04-9.25
1982.....	476	1,029	23	1,524	812	277	12.75	8.50	5.42-9.83
1983 <sup>3</sup> .....	287	699	77	1,063	783	106	33.77	28.68	22.10-26.85
1984 <sup>5</sup> .....	215								

<sup>1</sup> Uncompressed in carload lots, f.o.b. mill points.

<sup>2</sup> Running bales.

<sup>3</sup> Imports are in 500 pound gross weight bales prior to 1982 and in 634 pound equivalent bales thereafter.

<sup>4</sup> Exports are in running bales prior to 1982 and in 634 pound equivalent bales thereafter.

<sup>5</sup> Preliminary.

Agricultural Marketing Service. Supply and distribution figures compiled from reports of the Bureau of the Census.

Table 103.—Cotton: Supply and distribution, by countries, 1983-84

Country	Beginning stocks Aug. 1 <sup>1</sup>	Production	Imports	Total supply	Consumption <sup>2</sup>	Exports	Ending stocks July 31 <sup>1</sup>	Total distribution
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
Exporting countries:								
Mexico.....	50	1,038	7	1,095	533	475	87	1,095
Nicaragua.....	37	330	0	367	22	300	45	367
El Salvador.....	69	138	0	207	46	119	42	207
Guatemala.....	16	280	0	296	36	219	41	296
Argentina.....	260	822	18	1,100	537	115	448	1,100
Brazil.....	1,353	2,577	41	3,971	2,435	78	1,458	3,971
Colombia.....	2	352	2	356	229	119	8	356
Paraguay.....	98	413	0	506	32	380	94	506
Peru.....	265	332	0	597	211	30	356	597
Honduras.....	12	21	7	40	8	20	12	40
Angola.....	7	20	0	27	15	5	7	27
Central African Republic.....	1	56	0	57	10	40	7	57
Cameroon.....	3	170	0	173	35	100	38	173
Malawi.....	13	35	0	48	20	15	13	48
Zimbabwe.....	78	376	0	454	51	229	174	454
Sudan.....	874	1,006	0	1,880	105	1,050	725	1,880
Uganda.....	4	83	0	87	20	50	17	87
Egypt.....	251	1,934	0	2,185	1,310	780	95	2,185
Tanzania.....	147	216	0	363	72	133	158	363
Mozambique.....	35	55	0	90	25	35	30	90
Other Africa.....	170	1,107	0	1,277	199	809	269	1,277
Afghanistan.....	37	100	0	137	60	40	37	137
Iran.....	170	400	0	570	400	0	170	570
Israel.....	186	425	20	631	100	370	161	631
Pakistan.....	153	2,188	290	2,631	2,200	277	154	2,631
Syria.....	108	888	0	996	188	700	108	996
Turkey.....	223	2,398	0	2,621	1,775	499	347	2,621
Other Asia.....	12	65	0	77	21	44	12	77
Australia.....	192	649	6	847	95	374	378	847
United States.....	7,937	7,771	12	15,720	6,157	6,786	2,777	15,720
Soviet Union.....	1,845	12,280	750	14,875	9,300	3,450	2,125	14,875
China.....	3,017	21,300	250	24,567	16,000	800	7,767	24,567
India.....	1,736	6,086	0	7,822	6,531	279	1,012	7,822
Total exporting countries.....	19,356	65,911	1,403	86,670	48,778	18,720	19,172	86,670

See footnotes at end of table.

Table 103.—Cotton: Supply and distribution, by countries, 1983-84—Continued

Country	Beginning stocks Aug. 1 <sup>1</sup>	Production	Imports	Total supply	Consumption <sup>2</sup>	Exports	Ending stocks July 31 <sup>1</sup>	Total distribution
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
Importing countries:								
Canada .....	41	0	243	284	253	0	31	284
Chile .....	19	0	60	79	60	0	19	79
Other Western Hemisphere .....	143	109	331	582	436	3	143	582
Austria .....	26	0	106	132	100	9	23	132
Belgium .....	49	0	157	206	160	0	46	206
Finland .....	21	0	45	66	50	0	16	66
France .....	165	0	775	940	745	43	152	940
Germany, Fed. Rep. of .....	405	0	988	1,393	976	79	338	1,393
Greece .....	275	588	202	1,065	662	235	168	1,065
Italy .....	267	3	1,150	1,420	1,170	0	250	1,420
Netherlands .....	21	00	45	66	50	0	16	66
Portugal .....	98	0	668	766	664	0	102	766
Spain .....	295	171	368	834	480	13	341	834
Sweden .....	7	0	25	32	23	0	9	32
Switzerland .....	143	0	255	398	265	2	131	398
United Kingdom .....	70	0	217	287	234	5	48	287
Yugoslavia .....	54	3	535	592	535	0	57	592
Other Europe .....	824	53	2,891	3,768	3,046	0	722	3,768
Hong Kong .....	227	0	997	1,224	782	210	232	1,224
Japan .....	631	0	3,338	3,969	3,300	0	669	3,969
Korea, Rep. of .....	572	5	1,602	2,179	1,617	5	557	2,179
Philippines .....	13	22	80	115	100	0	15	115
Taiwan .....	533	0	1,171	1,704	1,235	0	469	1,704
Other Asia .....	377	481	2,008	2,866	2,294	74	498	2,866
Ethiopia .....	31	90	0	121	90	0	31	121
Nigeria .....	12	64	248	324	270	0	54	324
South Africa .....	159	157	119	435	275	0	160	435
Other Africa .....	42	174	290	506	453	10	43	506
Total importing countries .....	5,519	1,920	18,914	26,353	20,325	688	5,340	26,353
World total .....	24,875	67,831	20,317	113,023	69,103	19,408	24,512	113,023
Foreign (all countries) .....	16,938	60,060	20,305	97,303	62,946	12,622	21,735	97,303

<sup>1</sup> Estimates for Southern Hemisphere countries include unginned cotton.<sup>2</sup> Includes cotton destroyed or unaccounted for.<sup>3</sup> Bales of 480 pounds net (500 pounds gross).<sup>4</sup> Includes pre-season ginnings.<sup>5</sup> Imports for consumptions.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.



**Table 104.—Sugarbeets: Area, yield, production, season average price per ton received by farmers, value, and sugar production, United States, 1970-84<sup>1</sup>**

Year	Area		Yield per harvested acre	Production	Price <sup>2</sup>	Value of production	Sugar production	
	Planted	Harvested					Raw value	Refined basis <sup>3</sup>
	1,000 acres	1,000 acres	Tons	1,000 tons	Dollars	1,000 dollars	1,000 tons	1,000 tons
1970.....	1,478.4	1,413.3	18.7	26,378	14.80	391,567	3,401	3,179
1971.....	1,406.3	1,341.9	20.2	27,096	15.40	416,279	3,552	3,320
1972.....	1,419.7	1,328.7	21.4	28,410	16.00	455,830	3,624	3,387
1973.....	1,280.1	1,217.5	20.1	24,499	29.60	725,661	3,200	2,990
1974.....	1,251.5	1,212.6	18.2	22,123	46.80	1,035,567	2,916	2,725
1975.....	1,595.0	1,516.6	19.6	29,704	27.60	820,743	4,019	3,756
1976.....	1,525.4	1,478.8	19.9	29,386	21.00	616,813	3,895	3,640
1977.....	1,272.6	1,216.2	20.6	25,007	24.20	604,399	3,108	2,905
1978.....	1,305.4	1,269.2	20.3	25,788	25.20	649,846	3,289	3,074
1979.....	1,160.7	1,119.7	19.6	21,996	33.90	745,273	2,879	2,691
1980.....	1,231.3	1,189.5	19.8	23,502	47.20	1,108,974	3,149	2,943
1981.....	1,251.6	1,228.1	22.4	27,538	29.20	803,569	3,388	3,166
1982.....	1,054.2	1,026.8	20.3	20,894	35.40	740,342	2,737	2,558
1983.....	1,081.4	1,055.8	19.9	20,992	37.00	777,718	2,699	2,522
1984 <sup>4</sup> .....	1,121.5	1,096.3	20.2	22,177	( <sup>5</sup> )	( <sup>5</sup> )	2,902	2,712

<sup>1</sup> Relates to year of intended harvest except for overwintered spring planted beets in California.<sup>2</sup> Prices do not include Government payments under the Sugar Act.<sup>3</sup> Calculated on the basis that 1.07 tons of raw sugar is required to produce one ton of refined sugar.<sup>4</sup> Preliminary.<sup>5</sup> Not available.

Statistical Reporting Service.

**Table 105.—Sugarbeets: Area, yield, and production, by States, 1982-84<sup>1</sup>**

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1982	1983	1984 <sup>2</sup>	1982	1983 <sup>2</sup>	1984 <sup>2</sup>				1982	1983 <sup>2</sup>	1984 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ariz.....	13.1	0	0	12.8	0	0	23.3	0	0	298	0	0
Calif.....	169.0	175.0	211.0	162.0	169.0	208.0	23.8	23.3	24.7	3,852	3,938	5,138
Colo.....	50.0	42.0	48.3	46.0	37.2	44.2	20.0	16.2	21.8	920	603	964
Idaho.....	139.0	145.0	145.0	136.0	143.0	144.0	23.4	24.4	23.0	3,182	3,487	3,312
Kans.....	9.9	7.5	7.8	9.5	6.9	7.1	17.9	13.7	17.2	170	95	122
Mich.....	97.5	106.0	110.0	96.5	104.0	108.0	19.2	19.0	19.6	1,853	1,976	2,117
Minn.....	253.0	262.0	266.0	252.0	259.0	261.0	18.8	18.0	16.6	4,738	4,662	4,333
Mont.....	43.1	41.6	25.2	43.0	41.3	24.6	19.8	19.8	16.9	850	818	416
Nebr.....	52.0	67.8	72.9	45.4	65.3	67.5	20.4	18.9	21.9	926	1,233	1,480
N. Mex.....	.7	0	0	.7	0	0	17.1	0	0	12	0	0
N. Dak.....	145.7	143.1	139.8	144.8	142.2	139.1	17.1	16.9	16.6	2,476	2,404	2,309
Ohio.....	0	13.4	11.8	0	12.6	10.7	0	17.6	18.8	0	222	201
Oreg.....	10.7	11.6	11.8	10.3	11.3	11.6	24.4	28.0	26.5	251	316	307
Tex.....	30.7	33.8	39.0	29.4	31.9	37.8	18.9	19.5	21.8	556	622	824
Wyo.....	39.8	32.6	32.9	38.4	32.1	32.7	21.1	19.2	20.0	810	616	654
U.S.....	1,054.2	1,081.4	1,121.5	1,026.8	1,055.8	1,096.3	20.3	19.9	20.2	20,894	20,992	22,177

<sup>1</sup> Relates to year of intended harvest except for overwintered spring planted beets in California.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 106.—Sugarbeets: Production and value, by States, crop of 1983 <sup>1</sup>

State	Production	Season average price per ton received by farmers	Value of production	State	Production	Season average price per ton received by farmers	Value of production
	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Calif.....	3,938	40.20	158,308	N. Dak.....	2,404	35.40	85,102
Colo.....	603	33.40	20,140	Ohio.....	222	34.70	7,703
Idaho.....	3,487	40.50	141,224	Oreg.....	316	40.70	12,861
Kans.....	95	29.70	2,822	Tex.....	622	35.70	22,205
Mich.....	1,976	36.20	71,531	Wyo.....	616	34.20	21,067
Minn.....	4,662	35.40	165,035	U.S.....	20,992	37.00	777,718
Mont.....	818	37.60	30,757				
Nebr.....	1,233	31.60	38,963				

<sup>1</sup> Relates to year of intended harvest except for overwintered spring planted beets in California.  
Statistical Reporting Service.

Table 107.—Sugarbeet seed: Area, yield, production, average price per pound received by farmers, and value, United States, 1970-84

Year	Area harvested	Yield per acre	Production	Average price per pound received by farmers	Value of production
	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Cents</i>	<i>1,000 dollars</i>
1970.....	5,907	2,575	152,076	18.59	2,828
1971.....	4,016	2,620	105,224	19.34	2,035
1972.....	3,318	2,446	81,166	19.07	1,548
1973.....	2,832	2,968	84,059	20.28	1,705
1974.....	1,983	2,556	50,685	21.67	1,099
1975.....	4,625	2,437	112,729	34.46	3,885
1976.....	6,748	2,630	177,494	38.55	6,842
1977.....	4,915	2,726	133,985	38.26	5,126
1978.....	3,153	2,266	71,443	37.12	2,652
1979.....	3,074	2,374	72,964	36.00	2,627
1980.....	3,329	2,439	81,218	38.00	3,086
1981.....	6,442	2,675	172,324	41.36	7,128
1982.....	5,923	2,989	177,061	44.34	7,851
1983.....	4,355	2,390	104,091	45.23	4,708
1984.....	4,204	2,426	101,973	46.60	4,752

Science and Education Administration. Data on domestic production compiled from reports furnished by beet sugar companies and their subsidiaries, and by others engaged in sugarbeet seed production.

Table 108.—Sugarbeets: Area, yield, and production in specified countries, 1982/83–1984/85

Continent and country	Area harvested			Yield per hectare			Production <sup>2</sup>		
	1982/83	1983/84	1984/85 <sup>1</sup>	1982/83	1983/84	1984/85 <sup>1</sup>	1982/83	1983/84	1984/85 <sup>1</sup>
	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:									
Canada .....	31	31	33	37.7	37.6	28.2	1,170	1,167	932
United States .....	416	427	444	45.6	44.6	45.4	18,955	19,044	20,146
Total .....	447	458	477	45.0	44.1	44.2	20,125	20,211	21,678
South America:									
Chile .....	36	36	48	40.6	40.6	49.3	1,462	1,462	2,364
Uruguay .....	12	9	7	29.6	30.1	29.6	355	271	207
Total .....	48	45	55	37.9	38.5	46.7	1,817	1,733	2,571
Europe:									
Belgium and Luxembourg .....	124	115	122	59.9	50.2	52.0	7,430	5,773	6,339
Denmark .....	73	74	74	36.1	48.8	41.9	2,632	3,614	3,100
France .....	539	466	509	55.1	48.6	53.0	29,680	22,643	26,977
Germany, Fed. Rep. of .....	429	403	422	52.9	40.3	47.5	22,692	16,255	20,024
Greece .....	41	39	28	62.1	64.1	60.2	2,548	2,500	1,700
Ireland .....	34	36	36	48.8	45.3	47.1	1,659	1,630	1,694
Italy .....	257	215	203	43.7	45.4	54.9	11,226	9,761	11,151
Netherlands .....	134	123	129	59.3	44.3	53.3	7,946	5,450	6,875
United Kingdom .....	202	196	195	49.5	40.8	43.6	10,007	8,000	8,500
Total EC .....	1,833	1,667	1,718	52.3	45.4	50.3	95,820	75,626	86,360
Austria .....	58	42	51	60.5	48.2	50.3	3,510	2,024	2,564
Finland .....	32	32	32	24.7	33.1	28.6	790	1,060	915
Portugal .....	1	1	1	70.0	70.0	70.0	70	70	70
Spain .....	259	249	186	35.1	38.6	43.8	9,085	9,619	8,140
Sweden .....	54	53	52	45.0	36.3	48.2	2,432	1,922	2,508
Switzerland .....	15	15	15	55.7	55.5	56.7	836	832	850
Total Western Europe .....	2,252	2,069	2,055	50.0	44.1	49.3	112,543	91,153	101,407
Albania .....	10	10	10	26.5	26.5	26.5	265	265	265
Bulgaria .....	53	53	53	28.6	26.4	26.4	1,518	1,400	1,400
Czechoslovakia .....	214	208	208	38.4	31.7	36.1	8,210	6,600	7,500
German Dem. Rep. ....	257	238	240	28.0	24.0	33.0	7,193	5,711	7,920
Hungary .....	126	112	108	42.7	42.7	37.5	5,383	5,383	4,050
Poland .....	486	486	474	33.7	33.7	33.5	16,364	16,364	15,900
Romania .....	269	269	260	24.7	24.7	24.8	6,647	6,647	6,450
Yugoslavia .....	139	141	143	40.8	40.2	47.5	5,671	5,665	6,789
Total Eastern Europe .....	1,554	1,531	1,496	33.0	31.4	33.6	51,251	48,035	50,274
Total Europe .....	3,806	3,600	3,551	43.0	38.7	42.7	163,794	139,188	151,681
Soviet Union .....	3,526	3,491	3,463	20.3	23.4	24.6	71,648	81,800	85,300
North Africa:									
Algeria .....	4	4	4	18.0	22.5	22.5	72	90	90
Egypt .....	8	14	16	35.0	31.2	31.3	280	437	500
Morocco .....	62	59	59	38.7	37.3	37.3	2,400	2,200	2,200
Tunisia .....	3	3	3	33.7	36.7	33.7	101	110	101
Total .....	77	80	82	37.1	35.5	35.3	2,853	2,837	2,891
Middle East:									
Iran .....	100	100	100	25.0	25.0	25.0	2,500	2,500	2,500
Iraq .....	4	4	4	23.8	23.8	23.8	95	95	95
Lebanon .....	2	2	2	25.0	25.0	25.0	50	50	50
Syria .....	29	35	35	29.3	28.6	28.6	850	1,000	1,000
Turkey .....	371	359	359	34.3	35.6	35.6	12,732	12,770	12,770
Total .....	506	500	500	32.1	32.8	32.8	16,227	16,415	16,415
Asia:									
Afghanistan .....	3	3	3	11.7	11.7	11.7	35	35	35
China .....	462	544	470	14.5	16.9	17.6	6,712	9,182	8,284
Japan .....	70	73	75	58.7	46.3	53.9	4,110	3,380	4,040
Pakistan .....	9	8	9	22.9	22.3	21.1	206	178	190
Total .....	544	628	557	20.3	20.3	22.5	11,063	12,775	12,549
Grand total .....	8,954	8,792	8,685	32.1	31.3	33.7	287,527	274,959	292,485

<sup>1</sup> Preliminary. <sup>2</sup> Quantity processed.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 109.—Sugarcane for sugar and seed: Area, yield, production, value, and production of cane sugar and molasses, United States, 1970-84 <sup>1</sup>

Year <sup>2</sup>	Area harvested			Yield of cane per acre			Production		
	For sugar	For seed	Total	For sugar	For seed	For sugar and seed	For sugar	For seed	Total
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
1970 .....	551.1	32.8	583.9	41.8	28.7	41.1	23,055	941	23,996
1971 .....	606.7	41.4	648.1	38.1	24.8	37.3	23,145	1,027	24,172
1972 .....	664.3	37.5	701.8	41.0	29.1	40.4	27,239	1,093	28,332
1973 .....	703.0	38.0	741.0	35.5	23.8	34.9	24,924	903	25,827
1974 .....	689.9	44.2	734.1	34.8	25.1	34.2	24,081	1,109	25,140
1975 .....	734.7	39.3	774.0	37.2	26.4	36.6	27,306	1,038	28,344
1976 .....	704.0	43.0	747.0	38.2	27.9	37.6	26,919	1,201	28,120
1977 .....	719.3	40.1	759.4	35.8	27.4	35.3	25,730	1,100	26,830
1978 .....	699.8	43.9	743.7	35.5	26.8	35.0	24,821	1,176	25,997
1979 .....	689.7	43.0	732.7	36.8	26.1	36.2	25,410	1,122	26,532
1980 .....	683.6	49.1	732.7	37.4	28.1	36.8	25,582	1,381	26,963
1981 .....	715.6	39.8	755.4	36.6	31.2	36.3	26,165	1,243	27,408
1982 .....	700.4	41.3	741.7	40.6	32.0	40.1	28,449	1,321	29,770
1983 .....	733.4	34.3	767.7	37.1	28.0	36.7	27,201	960	28,161
1984 <sup>3</sup> .....	700.7	46.6	747.3	37.1	28.6	36.6	26,008	1,332	27,340

Year <sup>2</sup>	Season average price received by farmers per ton of sugar <sup>4</sup>	Value of production		Sugar production			Molasses
		Of cane used for sugar	Of cane used for sugar and seed <sup>5</sup>	Raw value <sup>6</sup>			
				Total	Per ton of cane	Refined basis <sup>7</sup>	
	Dollars	1,000 dollars	1,000 dollars	1,000 tons	Pounds	1,000 tons	1,000 gallons
1970 .....	10.50	132,045	139,688	2,416	210	2,258	141,193
1971 .....	11.10	138,617	147,834	2,436	211	2,277	144,812
1972 .....	11.60	201,639	211,724	2,740	201	2,561	180,553
1973 .....	20.90	319,503	333,061	2,549	205	2,383	167,486
1974 .....	48.60	1,166,809	1,221,232	2,512	212	2,347	156,355
1975 .....	21.50	586,622	607,895	2,934	214	2,743	178,988
1976 .....	15.20	408,403	425,342	2,724	202	2,545	180,730
1977 .....	17.70	454,217	474,257	2,684	209	2,508	164,894
1978 .....	19.50	483,905	506,851	2,612	210	2,441	161,810
1979 .....	26.00	661,212	690,544	2,700	213	2,524	164,581
1980 .....	38.50	984,559	1,035,990	2,728	213	2,550	163,341
1981 .....	24.90	650,721	681,983	2,833	217	2,647	182,656
1982 .....	26.50	755,038	789,896	3,063	215	2,863	177,041
1983 .....	27.80	755,574	781,393	2,930	215	2,739	175,875
1984 <sup>3</sup> .....	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	3,007	231	2,811	173,503

<sup>1</sup> Includes Hawaii except for prices and values for 1973 and earlier years.<sup>2</sup> In Hawaii, harvest continues throughout the year and production statistics are on a calendar year basis. In other states, harvest is seasonal and the production statistics year relates to the year in which the season begins.<sup>3</sup> Preliminary.<sup>4</sup> Prices do not include Government payments under the Sugar Act.<sup>5</sup> Price per ton of cane for sugar used in evaluating value of production for seed.<sup>6</sup> Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.<sup>7</sup> Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.<sup>8</sup> Not available.

Statistical Reporting Service.



Table 110.—Sugarcane for sugar and seed: Area, yield, production, and production of cane sugar and molasses, by States, 1982-84

State	Sugarcane for sugar and seed <sup>1</sup>								
	Area harvested			Yield of cane per acre			Cane production		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
For sugar:									
Fla.....	341.4	361.1	371.9	35.4	31.4	32.5	12,086	11,330	12,087
Hawaii.....	89.3	92.8	89.5	98.6	96.2	94.5	8,808	8,926	8,454
La.....	234.0	245.0	205.0	27.6	23.9	22.0	6,450	5,850	4,510
Tex.....	35.7	34.5	34.3	31.0	31.7	27.9	1,105	1,095	957
U.S.....	700.4	733.4	700.7	40.6	37.1	37.1	28,449	27,201	26,008
For seed:									
Fla.....	13.9	6.8	15.1	37.9	32.7	35.1	527	222	530
Hawaii.....	5.4	6.5	5.7	35.0	35.8	40.4	189	233	230
La.....	21.0	20.0	25.0	27.6	23.9	22.0	580	478	550
Tex.....	1.0	1.0	.8	25.0	27.0	27.5	25	27	22
U.S.....	41.3	34.3	46.6	32.0	28.0	28.6	1,321	960	1,332
For sugar and seed:									
Fla.....	355.3	367.9	387.0	35.5	31.4	32.6	12,613	11,552	12,617
Hawaii.....	94.7	99.3	95.2	95.0	92.2	91.2	8,997	9,159	8,684
La.....	255.0	265.0	230.0	27.6	23.9	22.0	7,030	6,328	5,060
Tex.....	36.7	35.5	35.1	30.8	31.6	27.9	1,130	1,122	979
U.S.....	741.7	767.7	747.3	40.1	36.7	36.6	29,770	28,161	27,340

State	Products of cane harvested for sugar											
	Sugar per ton of cane (raw value <sup>3</sup> )			Sugar produced (raw value <sup>3</sup> )			Equivalent refined <sup>4</sup>			Molasses <sup>5</sup>		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Fla.....	216	216	234	1,307	1,223	1,412	1,221	1,143	1,320	81,028	77,695	85,409
Hawaii.....	223	234	251	983	1,044	1,062	919	976	993	<sup>6</sup> 50,085	<sup>6</sup> 52,868	<sup>6</sup> 54,510
La.....	209	206	200	675	603	452	631	564	422	36,550	32,100	24,880
Tex.....	177	110	169	98	60	81	92	56	76	9,378	13,212	8,704
U.S.....	215	215	231	3,063	2,930	3,007	2,863	2,739	2,811	177,041	175,875	173,503

<sup>1</sup> In Hawaii, harvest continues throughout the year and production statistics are on a calendar year basis. In other states, harvest is seasonal and the production statistics year relates to the year in which the season begins.

<sup>2</sup> Preliminary. <sup>3</sup> Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.

<sup>4</sup> Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.

<sup>5</sup> Blackstrap (80° Brix) high-test molasses from frozen cane and edible molasses. <sup>6</sup> 85° brix.

Statistical Reporting Service.

Table 111.—Sugarcane for sugar and seed: Production and value, by States, crop of 1983

State	Sugar			Sugar and seed: Value of production <sup>1</sup>
	Production	Price per ton	Value of production	
	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Fla.....	11,552	28.60	324,038	330,387
Hawaii.....	9,159	29.90	266,887	273,854
La.....	6,328	25.30	148,005	160,098
Tex.....	1,122	15.20	16,644	17,054
Total.....	28,161	27.80	755,574	781,393

<sup>1</sup> Price per ton of cane for sugar used in evaluating value of production for seed.

Statistical Reporting Service.



Table 112.—Sugarcane: Area, yield, and production in specified countries, 1982/83-1984/85

Continent and country	Area			Yield per hectare			Production <sup>2</sup>		
	1982/ 83	1983/ 84	1984/ 85 <sup>1</sup>	1982/ 83	1983/ 84	1984/ 85 <sup>1</sup>	1982/ 83	1983/ 84	1984/ 85 <sup>1</sup>
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Mexico.....	475	495	518	68.4	70.2	70.2	32,482	34,746	36,350
Hawaii.....	36	38	36	22.2	213.1	226.6	7,991	8,098	8,156
United States.....	247	259	247	72.1	64.0	65.1	17,818	16,579	16,084
Total.....	758	792	801	76.9	75.0	75.6	58,291	59,423	60,590
<b>South America:</b>									
Argentina.....	250	250	230	57.7	59.6	60.7	14,437	14,904	13,971
Brazil.....	1,980	1,925	1,950	49.9	51.9	50.3	98,900	100,000	98,000
Colombia.....	106	102	101	125.1	113.5	118.0	13,264	11,580	11,920
Ecuador.....	32	22	37	77.3	119.4	84.1	2,472	2,626	3,113
Guyana.....	48	51	53	81.3	71.2	66.4	3,900	3,630	3,520
Peru.....	38	45	47	131.6	144.4	140.9	5,000	6,500	7,000
Venezuela.....	77	77	78	71.4	90.1	88.9	5,494	6,935	6,935
Other South America.....	104	104	104				4,600	4,721	4,721
Total.....	2,635	2,576	2,600	56.2	58.6	57.4	148,067	150,896	149,180
<b>Central America:</b>									
Belize.....	24	24	24	48.5	43.0	41.7	1,163	1,032	1,000
Costa Rica.....	37	37	38	59.2	70.1	72.4	2,192	2,595	2,750
El Salvador.....	31	34	37	79.4	83.2	83.2	2,460	2,829	3,078
Guatemala.....	60	74	68	92.1	77.5	84.0	5,527	5,732	5,715
Honduras.....	31	31	31	71.7	74.4	74.2	2,223	2,307	2,300
Nicaragua.....	37	38	40	75.8	70.0	70.0	2,805	2,660	2,800
Panama.....	50	38	37	46.2	58.2	56.8	2,308	2,210	2,100
Total.....	270	276	275	69.2	70.2	71.8	18,678	19,370	19,743
<b>Caribbean:</b>									
Barbados.....	14	14	15	46.1	61.3	57.5	646	858	863
Cuba.....	1,500	1,500	1,500	50.0	50.0	50.0	75,000	75,000	75,000
Dominican Rep.....	188	188	185	60.1	58.5	55.1	11,300	11,000	10,200
Haiti.....	58	50	45	11.6	14.0	15.6	675	700	700
Jamaica.....	44	44	41	58.5	53.6	57.3	2,575	2,360	2,350
Puerto Rico.....	22	20	20	56.8	60.0	60.0	1,250	1,200	1,200
St. Kitts-Nevis.....	3	3	3	92.0	93.3	99.3	276	280	298
Trinidad and Tobago.....	28	27	27	56.0	32.6	37.1	1,567	879	1,002
Other Caribbean.....	24	24	24	35.6	35.2	35.2	855	845	845
Total.....	1,881	1,870	1,860	50.0	49.8	49.7	94,144	93,122	92,458
<b>West Europe:</b>									
Spain.....	4	2	2	75.3	75.0	62.5	301	150	125
<b>Africa:</b>									
Egypt.....	83	80	85	84.7	82.9	78.5	7,028	6,633	6,670
Kenya.....	31	35	40	68.2	92.7	92.5	2,114	3,246	3,700
Zimbabwe.....	33	33	33	106.1	106.5	109.1	3,500	3,516	3,600
South Africa.....	266	232	276	72.7	57.9	81.0	19,339	13,423	22,343
Other Africa.....	473	445	461				35,088	34,159	34,778
Total.....	886	825	895	75.7	73.9	79.4	67,069	60,977	71,091
<b>Asia:</b>									
Bangladesh.....	92	160	150	24.1	11.9	7.9	2,200	1,900	1,180
China.....	653	654	667	54.9	47.6	59.5	35,882	31,141	39,662
Indonesia.....	255	294	286	70.0	75.4	73.2	17,846	22,176	20,929
India.....	3,364	3,166	3,000	56.2	55.9	55.0	189,000	177,020	165,000
Japan.....	36	35	35	62.8	72.1	71.7	2,260	2,525	2,510
Pakistan.....	347	353	360	36.1	38.2	38.9	12,511	13,486	14,000
Philippines.....	418	410	310	57.9	52.5	56.0	24,213	21,527	17,360
Thailand.....	583	618	620	41.9	37.4	39.5	24,407	23,087	24,500
Taiwan.....	81	75	77	81.9	82.7	83.8	6,636	6,202	6,450
Other Asia.....	95	96	97				2,625		
Total.....	5,924	5,861	5,602	53.9	51.8	52.9	319,380	303,504	296,129
<b>Oceania:</b>									
Australia.....	319	307	312	78.1	78.8	79.5	24,908	24,190	24,799
Fiji.....	60	60	60	67.8	67.8	67.8	4,070	4,070	4,070
Total.....	379	367	372	76.5	77.0	77.6	28,978	28,260	28,869
<b>Grand total.....</b>	<b>12,737</b>	<b>12,569</b>	<b>12,407</b>	<b>57.6</b>	<b>56.9</b>	<b>57.9</b>	<b>734,908</b>	<b>715,702</b>	<b>718,185</b>

<sup>1</sup> Preliminary. <sup>2</sup> Quantity processed.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 113.—Sugar: Production in specified countries, 1982/83–1984/85 <sup>1</sup>

Continent and country	1982/83	1983/84	1984/85 <sup>2</sup>	Continent and country	1982/83	1983/84	1984/85 <sup>2</sup>
<b>CENTRIFUGAL SUGAR (raw value) <sup>3</sup></b>	<b>1,000 metric tons</b>	<b>1,000 metric tons</b>	<b>1,000 metric tons</b>	<b>CENTRIFUGAL SUGAR (raw value) <sup>3</sup></b>	<b>1,000 metric tons</b>	<b>1,000 metric tons</b>	<b>1,000 metric tons</b>
<b>North and Central America and Caribbean (cane):</b>				<b>Switzerland .....</b>	<b>120</b>	<b>124</b>	<b>130</b>
Barbados .....	85	101	100	<b>Total Western Europe .....</b>	<b>17,207</b>	<b>13,954</b>	<b>15,505</b>
Belize .....	116	114	102	Albania .....	20	20	20
Canada (beet) .....	121	121	132	Bulgaria .....	188	171	175
Costa Rica .....	201	241	240	Czechoslovakia .....	885	790	850
Cuba .....	7,200	8,200	8,200	German Dem. Rep. ....	760	610	650
Dominican Republic .....	1,219	1,190	1,000	Hungary .....	537	537	450
El Salvador .....	201	241	240	Poland .....	2,009	2,141	1,921
Guadeloupe .....	60	48	50	Romania .....	648	585	710
Guatemala .....	531	541	560	Yugoslavia .....	697	778	996
Haiti .....	43	46	46	<b>Total Eastern Europe .....</b>	<b>5,744</b>	<b>5,632</b>	<b>5,772</b>
Honduras .....	205	215	210	<b>Total Europe .....</b>	<b>22,951</b>	<b>19,586</b>	<b>21,277</b>
Jamaica .....	196	210	205	<b>Soviet Union (beet) .....</b>	<b>7,392</b>	<b>8,700</b>	<b>8,800</b>
Martinique .....	3	2	1	<b>Africa (cane):</b>			
Mexico .....	3,078	3,242	3,405	Angola .....	50	45	45
Nicaragua .....	255	229	240	Egypt .....	770	767	790
Panama .....	188	180	170	Ethiopia .....	178	182	180
St. Kitts-Nevis .....	28	30	32	Kenya .....	325	325	375
Trinidad and Tobago .....	80	65	85	Madagascar .....	87	100	110
<b>United States:</b>				Mauritius .....	729	640	615
Continental (beet and cane) .....	5,359	5,278	5,262	Morocco .....	455	470	470
Puerto Rico .....	91	89	90	Mozambique .....	126	100	105
<b>Total .....</b>	<b>19,290</b>	<b>20,382</b>	<b>20,400</b>	Reunion .....	268	239	260
<b>South America (cane unless otherwise indicated):</b>				<b>South Africa .....</b>	<b>2,256</b>	<b>1,462</b>	<b>2,501</b>
Argentina .....	1,617	1,621	1,535	Swaziland .....	385	414	410
Bolivia .....	277	225	250	Tanzania .....	116	132	126
Brazil .....	9,300	9,400	8,890	Uganda .....	4	6	10
Chile (beet) .....	144	231	362	Zaire .....	50	52	60
Colombia .....	1,332	1,235	1,304	Zimbabwe .....	423	452	455
Ecuador .....	254	220	312	<b>Other Africa <sup>4</sup> .....</b>	<b>1,180</b>	<b>1,126</b>	<b>1,200</b>
Guyana .....	310	265	247	<b>Total Africa .....</b>	<b>7,402</b>	<b>6,580</b>	<b>7,748</b>
Paraguay .....	80	95	95	<b>Asia (cane unless otherwise indicated):</b>			
Peru .....	439	626	730	Burma .....	39	56	52
Surinam .....	12	12	12	China (cane and beet) .....	4,132	3,825	4,341
Uruguay (beet and cane) .....	100	91	87	Taiwan .....	621	619	660
Venezuela .....	385	372	439	India .....	9,508	7,042	6,920
<b>Total South America .....</b>	<b>14,250</b>	<b>14,393</b>	<b>14,263</b>	Indonesia .....	1,731	1,762	1,827
<b>Europe (beet unless otherwise indicated):</b>				Iran (beet and cane) .....	450	500	600
Belgium and Luxembourg .....	1,113	846	910	Japan (beet and cane) .....	930	807	923
Denmark .....	584	375	595	Pakistan .....	1,197	1,219	1,300
France .....	4,833	3,872	4,303	Philippines .....	2,521	2,381	1,539
Germany, Fed. Rep. of .....	3,591	2,726	3,150	Thailand .....	2,305	2,301	2,465
Ireland .....	241	214	241	Turkey (Europe and Asia) (beet) .....	1,860	1,770	1,740
Italy .....	1,282	1,353	1,396	<b>Other Asia (cane and beet) <sup>5</sup> .....</b>	<b>599</b>	<b>622</b>	<b>578</b>
Netherlands .....	1,228	808	1,018	<b>Total Asia .....</b>	<b>25,900</b>	<b>22,912</b>	<b>22,945</b>
United Kingdom .....	1,541	1,155	1,425	<b>Oceania (cane):</b>			
Greece .....	322	298	210	Australia .....	3,535	3,414	3,462
<b>Total EC .....</b>	<b>14,735</b>	<b>11,647</b>	<b>13,248</b>	Fiji .....	487	275	480
Austria .....	612	385	453	<b>Total Oceania .....</b>	<b>4,022</b>	<b>3,689</b>	<b>3,942</b>
Finland .....	116	155	127	<b>World total (cane and beet) .....</b>	<b>101,207</b>	<b>96,242</b>	<b>99,375</b>
Portugal .....							
Azores and Madeira .....	11	11	11				
Spain (cane and beet) .....	1,243	1,348	1,163				
Sweden .....	370	284	373				

See footnotes on page 83.

**Table 114.—Sugar, cane and beet (raw value): Imports and domestic marketings, by source of supply, continental United States, 1982-84 <sup>1</sup>**

Country or area of supply	1982	1983	1984 <sup>2</sup>	Country or area of supply	1982	1983	1984 <sup>2</sup>
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
Argentina.....	179	252	300	South Africa.....	52	65	67
Australia.....	310	225	258	Taiwan.....	62	34	41
Brazil.....	328	384	325	Other countries.....	848	590	282
Belize.....	49	29	38	Total foreign countries.....	2,964	3080	3,442
Colombia.....	38	70	139				
Costa Rica.....	62	61	88	Domestic areas:			
Dominican Republic.....	383	485	673	Mainland (beet).....	3,019	2902	2,732
Ecuador.....	3		33	Mainland (cane).....	1,902	2056	1,546
El Salvador.....	58	99	79	Hawaii.....	864	1037	1,027
Fiji Islands.....	40	30	32	Puerto Rico.....	80	67	24
Guatemala.....	60	138	192	Texas (cane).....	120	100	53
Haiti.....	7	15	17	Total domestic areas..	5,985	6162	5,382
Mexico.....	16	16					
Nicaragua.....	63	53	12	Grand total.....	8,949	9242	8,824
Panama.....	103	143	99				
Peru.....	59	104	116				
Philippines.....	244	287	451				

<sup>1</sup> Raw value is the equivalent in terms of 96° sugar.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

#### FOOTNOTES FOR TABLE 113

<sup>1</sup> Crop years are on a September/August basis, but include the outturn of sugar from harvests of several Southern Hemisphere countries which begin prior to September.

<sup>2</sup> Preliminary.

<sup>3</sup> Centrifugal sugar, as distinguished from non-centrifugal, includes cane and beet sugar produced by the centrifugal process, which is the principal kind moving in international trade.

<sup>4</sup> "Other Africa" includes Algeria, Cameroon, Chad, Congo, Gabon, Ghana, Guinea, Ivory Coast, Mali, Malawi, Nigeria, Senegal, Somalia, Sudan, Tunisia, and Zambia.

<sup>5</sup> "Other Asia" includes Afghanistan, Bangladesh, Iraq, Israel, Lebanon, Malaysia, Nepal, Sri Lanka, Syria, and Vietnam.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 115.—Sugar, cane and beet (refined): Stocks, production or receipts, and deliveries, continental United States, 1970-85 <sup>1</sup>

Item and year	Cane sugar refineries <sup>2</sup>	Beet sugar factories	Importers of direct consumption sugar <sup>3</sup>	Mainland cane sugar mills <sup>4</sup>	Total
<b>JAN. 1 STOCKS <sup>5</sup></b>	<b>1,000 tons</b>	<b>1,000 tons</b>	<b>1,000 tons</b>	<b>1,000 tons</b>	<b>1,000 tons</b>
1970.....	251	1,321	9	.....	1,581
1971.....	237	1,266	4	.....	1,507
1972.....	255	1,258	1	.....	1,514
1973.....	233	1,280	3	.....	1,516
1974.....	257	1,130	1	.....	1,388
1975.....	276	1,314	1	.....	1,591
1976.....	233	1,490	0	.....	1,723
1977.....	261	1,661	0	.....	1,922
1978.....	312	1,580	85	.....	1,977
1979.....	267	1,458	0	.....	1,725
1980.....	240	1,126	0	.....	1,366
1981.....	294	1,202	0	.....	1,496
1982.....	255	1,193	0	.....	1,448
1983.....	245	1,324	0	.....	1,569
1984.....	210	1,031	0	.....	1,241
1985.....	214	1,430	0	.....	1,644
<b>PRODUCTION OR RECEIPTS</b>					
1970.....	7,143	3,281	139	.....	10,563
1971.....	7,324	3,205	108	.....	10,639
1972.....	7,304	3,303	89	.....	10,696
1973.....	7,358	3,133	73	.....	10,564
1974.....	7,608	3,010	56	.....	10,674
1975.....	6,183	3,246	82	.....	9,511
1976.....	6,561	3,741	76	.....	10,378
1977.....	7,078	3,199	258	.....	10,535
1978.....	6,942	2,867	95	.....	9,904
1979.....	6,958	2,650	84	.....	9,692
1980.....	7,162	2,852	7	.....	10,021
1981.....	7,144	2,974	17	.....	10,135
1982.....	5,726	2,953	46	.....	8,725
1983.....	5,679	2,419	49	.....	8,147
1984.....	6,042	3,058	39	.....	9,139
<b>DELIVERIES <sup>6</sup></b>					
1970.....	7,158	3,336	144	57	10,695
1971.....	7,306	3,213	111	51	10,681
1972.....	7,326	3,281	87	70	10,764
1973.....	7,334	3,282	75	81	10,772
1974.....	7,590	2,826	56	54	10,526
1975.....	6,237	3,068	83	65	9,453
1976.....	6,534	3,572	76	15	10,197
1977.....	7,026	3,280	172	17	10,495
1978.....	6,987	2,989	180	18	10,174
1979.....	6,985	2,982	84	18	10,069
1980.....	7,100	2,973	7	45	10,125
1981.....	7,183	2,983	17	24	10,207
1982.....	5,736	2,840	46	24	8,646
1983.....	5,714	2,712	49	4	8,479
1984.....	5,629	2,732	39	1	8,401

<sup>1</sup> All sugars converted to refined basis.<sup>2</sup> Includes Hawaiian sugar for direct consumption.<sup>3</sup> Includes Puerto Rican sugar for direct consumption.<sup>4</sup> Sugar for direct consumption only. Mainland cane sugar mills stocks and production not separately reported.<sup>5</sup> Stocks include sugar in bond and in customs custody and control.<sup>6</sup> Includes deliveries for export, for livestock feed, and for use in alcohol.<sup>7</sup> Includes beet sugar, forfeited to and marketed by C.C.C.

Statistical Reporting Service.



**Table 116.—Sugar, cane (raw <sup>1</sup>): Refiners' raw stocks, receipts, meltings, and direct consumption deliveries, continental United States, 1970–84**

Year	Jan. 1 stocks	Receipts <sup>2</sup>	Meltings	Deliveries for direct consumption
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1970.....	695	7,780	7,655	16
1971.....	804	7,856	7,865	10
1972.....	785	8,041	7,844	10
1973.....	972	7,948	7,910	12
1974.....	998	8,063	8,161	11
1975.....	886	6,206	6,639	11
1976.....	428	7,430	7,071	13
1977.....	776	8,315	7,564	12
1978.....	1,678	6,789	7,578	13
1979.....	964	7,057	7,539	14
1980.....	541	7,892	7,735	4
1981.....	691	7,855	7,693	.....
1982.....	844	5,856	6,183	.....
1983.....	517	6,287	6,241	.....
1984 <sup>3</sup> .....	473	6,045	6,100	.....

<sup>1</sup> Expressed in raw value, the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.

<sup>2</sup> Receipts include refiners' total offshore raw sugar receipts in continental U.S. ports, whether entered through the customs or held pending availability of quota, and raw cane sugar produced from sugarcane in the continental United States.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 117.—Sugar, cane and beet (raw value): Production, stocks, trade, and supply available for consumption in continental United States, 1970–84**

Year	Production	Visible stocks beginning of period	Receipts from—		Commercial exports and shipments <sup>2</sup>	Domestic disappearance		
			Foreign sources	Territories <sup>1</sup>		Livestock feed and alcohol <sup>3</sup>	Military and civilian use <sup>4</sup>	Per capita consumption (refined) <sup>4</sup>
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Pounds</i>
1970.....	5,874	2,869	5,296	353	66	83	11,163	101.8
1971.....	5,815	2,835	5,587	144	89	61	11,345	102.1
1972.....	6,015	2,823	5,459	149	50	62	11,487	102.3
1973.....	6,061	2,823	5,329	79	26	31	11,429	100.8
1974.....	5,662	2,646	5,770	157	72	8	10,945	95.7
1975.....	6,300	2,854	3,882	96	216	6	10,302	89.2
1976.....	6,798	2,856	4,658	203	76	0	10,893	93.4
1977.....	6,089	3,498	6,138	102	35	0	11,099	94.2
1978.....	5,602	4,491	4,683	52	48	4	10,889	91.4
1979.....	5,793	3,754	5,027	47	73	0	10,756	89.3
1980.....	5,736	3,701	4,495	178	689	0	10,189	83.6
1981.....	6,225	3,082	5,025	48	1,191	0	9,769	79.4
1982.....	5,936	3,461	2,964	80	137	0	9,160	73.7
1983.....	5,682	3,068	3,168	67	300	0	8,917	71.1
1984 <sup>5</sup> .....	5,888	2,570	3,594	24	429	0	8,530	67.4

<sup>1</sup> Includes inshipments from Puerto Rico (and from Virgin Islands 1966).

<sup>2</sup> Includes sugar used in manufacture of exported commodities.

<sup>3</sup> Includes use for alcohol, beginning 1966.

<sup>4</sup> Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers.

<sup>5</sup> Estimated.

Economic Research Service.



Table 118.—Sugar, centrifugal (raw value): International trade, 1981-83

Continent and country	1981		1982		1983 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
<b>North and Central America:</b>						
Belize.....	95		104		116	
Canada.....	136	850	97	912	90	1,001
Costa Rica.....	57	4	59	13	58	
El Salvador.....	49		56	11	93	
Guatemala.....	228		218		404	
Honduras.....	76		87		86	
Mexico.....		673	17	538	15	833
Nicaragua.....	89		97		112	
Panama.....	111		112		137	
United States.....	948	4,646	49	2,393	203	2,667
<b>Caribbean:</b>						
Barbados.....	64		89		73	
Cuba.....	7,071		7,734	86	6,792	
Dominican Republic.....	864		850		956	
Haiti.....		7	6	11	14	33
Jamaica.....	125	29	141	35	157	62
St. Kitts.....	30		34		26	
Trinidad and Tobago.....	67	20	50	25	63	43
<b>Total North America.....</b>	<b>10,010</b>	<b>6,229</b>	<b>9,800</b>	<b>4,024</b>	<b>9,395</b>	<b>4,639</b>
<b>South America:</b>						
Argentina.....	709		338		739	
Brazil.....	2,765		2,788		2,801	
Chile.....	12	86		205		226
Colombia.....	177		293		303	
Ecuador.....	53			20		103
Guyana.....	282		265		227	
Peru.....		152	69		91	263
Venezuela.....		544		523		251
<b>Total South America.....</b>	<b>3,998</b>	<b>782</b>	<b>3,753</b>	<b>748</b>	<b>4,161</b>	<b>843</b>
<b>Europe:</b>						
Belgium and Luxembourg.....	715	82	769	108	747	17
Denmark.....	267		254		331	5
France <sup>2</sup> .....	2,778	134	3,004	238	3,066	357
Germany, Fed. Rep. of.....	1,269	118	1,310	173	1,308	183
Greece.....		151				
Ireland.....	35	27	35	21	41	6
Italy.....	43	81	30	183	51	328
Netherlands.....	320	30	363	62	704	153
United Kingdom.....	129	1,274	162	1,159	390	1,050
<b>Total EC.....</b>	<b>5,556</b>	<b>1,897</b>	<b>5,927</b>	<b>1,944</b>	<b>6,698</b>	<b>2,099</b>
<b>Western Europe:</b>						
Austria.....	80		104		133	
Finland.....	90	123	94	229	82	178
Iceland.....		12		12		13
Malta.....		7		16	1	17
Norway.....	1	190		144		158
Portugal.....	2	202	10	333	33	285
Spain.....		41		87		67
Sweden.....	20	28	21	22	9	23
Switzerland.....	4	167	3	188	1	171
<b>Total Western Europe.....</b>	<b>197</b>	<b>770</b>	<b>232</b>	<b>1,031</b>	<b>259</b>	<b>922</b>
<b>Eastern Europe:</b>						
Albania.....		12		26		16
Bulgaria.....	3	272	41	289		447
Czechoslovakia.....	213	101	152	191	115	115
German Dem. Rep.....	108	277	94	204	120	246
Hungary.....	16	76	42		50	
Poland.....	4	180	100		230	2
Romania.....	29	194	89	105	79	222
Yugoslavia.....	1	169	12	28	16	113
<b>Total Eastern Europe.....</b>	<b>374</b>	<b>1,281</b>	<b>530</b>	<b>843</b>	<b>610</b>	<b>1,161</b>
<b>Total Europe.....</b>	<b>6,127</b>	<b>3,948</b>	<b>6,689</b>	<b>3,818</b>	<b>7,567</b>	<b>4,182</b>

See footnotes at end of table.

Table 118.—Sugar, centrifugal (raw value): International trade, 1981-83—Continued

Continent and country	1981		1982		1983 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Soviet Union.....	183	5,204	267	7,363	148	5,998
Africa:						
Algeria .....		600		636		550
Angola .....		60		52		41
Egypt .....		691	24	648		628
Ethiopia.....	4		12		19	
Ghana.....		42		10		8
Ivory Coast.....	53	9	70	8	85	13
Kenya.....	72		1	39	9	36
Libya.....		109		134		187
Madagascar.....	13		11		45	27
Malawi.....	131		78		95	
Mauritius.....	459		633		644	266
Mozambique.....		313		205		7
Nigeria.....	63		28		25	19
Senegal.....		971		941		863
Sierra Leone.....		36		40		48
South Africa.....		16		11		5
Sudan.....	737	21	884		569	192
Swaziland.....		164		163		53
Tanzania.....	345		344		173	
Tunisia.....	1	5	10	5	21	5
Zaire.....	15	157	30	218		193
Zimbabwe.....		8		9		25
	164		229		226	
Total Africa.....	2,057	3,206	2,354	3,119	2,118	3,159
Asia:						
Afghanistan.....		65		147		67
Bangladesh.....		56		3		5
China.....	145	1,186	150	2,563	130	1,777
Taiwan.....	287		380		186	
Cyprus.....		17		24		18
Hong Kong.....	1	116	7	119	15	144
India.....	106	232	504		783	
Indonesia.....		834		568		158
Iran.....		698		472		623
Iraq.....		477		543		496
Israel.....		205		302		261
Japan.....	38	1,591	6	2,239	11	1,868
Jordan.....		99		168		130
Korea, Rep. of.....	379	717	243	709	349	775
Kuwait.....		59		95		51
Lebanon.....		84		78		42
Malaysia, West.....	55	464	24	433	71	560
Philippines.....	1,241		1,301		999	
Saudi Arabia.....		444		564		389
Singapore.....	6	130	4	118	6	133
Sri Lanka.....		204	1	189		257
Syria.....		289		347		237
Thailand.....	1,155		2,045		1,411	
Turkey (Europe and Asia).....	4	74	184		340	
Vietnam.....	6	113	2	35	10	83
Yemen (Aden).....		105		119		151
Total Asia.....	3,423	8,259	4,851	9,835	4,311	8,225
Oceania:						
Australia.....	2,982		2,504		2,425	
Fiji.....	414		415		345	14
New Zealand.....	2	125	2	178	3	151
Total Oceania.....	3,398	125	2,921	178	2,773	165
World total.....	29,196	27,753	30,642	29,085	30,473	27,211

<sup>1</sup> Preliminary. <sup>2</sup> Excludes trade with French Territories.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 119.—Sugar (raw and refined): Average price per pound at specified markets, 1970-84

Year	Wholesale price, cane sugar			Retail price, granulated: United States <sup>4</sup>	Year	Wholesale price, cane sugar			Retail price, granulated: United States <sup>4</sup>
	Raw, 96° centrifugal		Refined: New York <sup>3</sup>			Raw, 96° centrifugal		Refined: New York <sup>3</sup>	
	Caribbean ports, f.o.b. and stowed <sup>1</sup>	New York, c.i.f. duty paid <sup>2</sup>				Caribbean ports, f.o.b. and stowed <sup>1</sup>	New York, c.i.f. duty paid <sup>2</sup>		
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1970 .....	3.75	8.1	12.0	13.0	1978 .....	7.82	13.9	20.9	23.7
1971 .....	4.52	8.5	12.5	13.6	1979 .....	9.66	15.6	23.2	24.9
1972 .....	7.43	9.1	13.1	13.9	1980 .....	29.02	30.1	41.0	42.7
1973 .....	9.61	10.3	14.1	15.1	1981 .....	16.93	19.7	30.7	40.0
1974 .....	29.99	29.5	34.4	32.3	1982 .....	8.42	19.9	29.9	34.3
1975 .....	20.49	22.5	31.4	37.2	1983 .....	8.49	22.0	32.0	36.2
1976 .....	11.58	13.3	19.2	24.0	1984 .....	5.18	21.7	31.5	36.3
1977 .....	8.11	11.0	17.3	21.6					

<sup>1</sup> For 4th quarter 1977 through 3rd quarter, 1979, derived by converting the London spot for sugar to a Caribbean basis in U.S. dollars.

<sup>2</sup> For 4th quarter 1977 through 3rd quarter 1979, derived by converting the London spot to a Caribbean basis in U.S. dollars, and adding freight, insurance, and applicable U.S. duties and fees.

<sup>3</sup> F.o.b.-basis list prices in 100 pound bags, not delivered prices. To obtain delivered prices, add "freight prepay" and deduct discounts and allowances.

<sup>4</sup> Calendar 1978 and 1979 only, derived by using the Bureau of Labor Statistics consumer price index (all-urban, unadjusted) for Sugar and Artificial Sweeteners.

Economic Research Service. Compiled from the following sources: (New York) Coffee, Sugar & Cocoa Exchange; Thurston Greene and Company; and U.S. Department of Labor, Bureau of Labor Statistics.

Table 120.—Sugar, centrifugal (raw value): United States imports, by country of origin, 1982-84 <sup>1</sup>

Country of origin	1982	1983	1984 <sup>2</sup>	Country of origin	1982	1983	1984 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North and South America, including Caribbean area:				Africa:			
Argentina.....	155	199	200	Malawi.....	25	5	33
Barbados.....	24	14	6	Mauritius.....	18	27	31
Brazil.....	248	329	323	Mozambique.....	20	25	26
Colombia.....	32	66	60	South Africa.....	33	43	76
Costa Rica.....	51	58	84	Swaziland.....	74	36	44
Dominican Republic.....	329	415	483	Zimbabwe.....	93	31	39
Ecuador.....	23	0	18	Other Africa.....	0	69	21
El Salvador.....	62	71	62	Total.....	263	236	270
Guatemala.....	55	136	137	Asia and Oceania:			
Guyana.....	43	29	33	Australia.....	153	197	232
Nicaragua.....	47	56	5	Philippines.....	184	238	375
Panama.....	84	136	55	Thailand.....	292	15	39
Peru.....	69	82	98	Other Pacific Is. NEC.....	17	62	29
Other America.....	204	302	226	Other Asia and Oceania.....	58	26	32
Total.....	1,426	1,893	1,790	Total.....	704	538	710
				Europe.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
				World total.....	2,393	2,667	2,770

<sup>1</sup> Includes raw sugar imports and refined sugar imports converted to raw basis.

<sup>2</sup> Preliminary.

<sup>3</sup> Less than 500 tons.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 121—Sugar, centrifugal (raw value): United States exports, by country of destination, 1982-84 <sup>1</sup>

Country of destination	1982	1983	1984 <sup>2</sup>	Country of destination	1982	1983	1984 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America, including Caribbean areas:				Europe:			
Bahamas.....	3,934	2,683	10,068	Denmark.....	23	20	3
Canada.....	5,239	20,923	30,061	Iceland.....	179	0	0
Haiti.....	13	9,195	10,523	Netherlands.....	78	0	959
Jamaica.....	6,479	20,019	40,128	Other.....	72	28	132
Leeward & Windward Islands.....	3,680	4,754	10,314	Total.....	352	48	1,094
Mexico.....	13,085	51,284	76,134				
Netherlands Antilles.....	5,286	4,387	9,646	Africa:			
Trinidad and Tobago.....	4,531	11,191	4,763	Egypt.....	1	24,517	36,652
Other.....	663	1,054	1,564	Nigeria.....	43	133	14
Total.....	42,910	125,490	193,201	South Africa.....	0	12,782	0
				Western Africa.....	193	96	88
South America:				Other.....	92	16	2
Chile.....	10	0	17,925	Total.....	329	37,544	36,756
Peru.....	2	13,632	14,104				
Suriname.....	129	145	3,931	Asia and Oceania:			
Venezuela.....	36	0	3,470	Japan.....	10,046	6,886	7,476
Other.....	21	12	1,177	Jordan.....	48	13,500	0
Total.....	198	13,789	40,607	Indonesia.....	98	12	89
				Israel.....	30	3,946	32
				Saudia Arabia.....	147	133	257
				Trust Ter. of Pac. Is.....	1,485	1,301	935
				Other.....	336	38	299
				Total.....	12,190	25,816	9,088
				World total.....	55,979	202,687	280,746

<sup>1</sup> Includes raw sugar exports and refined sugar exports converted to raw basis.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 122.—Sugar, centrifugal (raw value): Stocks in specified countries, 1982-84 <sup>1</sup>

Country	Sugar-making season			Country	Sugar-making season		
	1982	1983	1984 <sup>2</sup>		1982	1983	1984 <sup>2</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Chile.....	41	48	33	Iran.....	151	201	251
Colombia.....	12	37	46	Ireland.....	61	88	93
South Africa.....	231	187	95	Japan.....	377	340	350
Argentina.....	247	331	212	Netherlands.....	128	178	117
Australia.....	364	433	613	Philippines.....	269	220	209
Brazil.....	918	1,056	1,056	Sweden.....	317	350	281
Mauritius.....	194	254	229	Switzerland.....	233	226	228
Ecuador.....	13	24	20	United States and insular areas.....	1,399	1,252	802
Spain.....	119	287	370	Uruguay.....	27	35	35
Greece.....	207	209	166	El Salvador.....	11	26	26
Finland.....	68	95	95	Guatemala.....	175	112	85
Guyana.....	41	52	34	India.....	3,354	4,999	3,029
Italy.....	570	479	385	Mexico.....	587	1,112	981
Turkey.....	278	568	488	Thailand.....	174	339	59
Canada.....	126	186	135	Egypt.....	120	140	150
United Kingdom.....	503	204	209	Dominican Republic..	318	491	485
Venezuela.....	394	495	435	Barbados.....	15	15	40
Yugoslavia.....	72	75	103	Haiti.....	1	0	0
Austria.....	69	174	98	Jamaica.....	30	20	16
Belgium.....	254	265	150	Nicaragua.....	7	10	4
Costa Rica.....	41	52	72	Peru.....	29	60	90
Denmark.....	74	95	29	Trinidad and Tobago..	6	2	2
France.....	1,212	1,565	725	Total.....	14,253	17,937	13,546
Germany, Fed. Rep. of.....	416	550	385				

<sup>1</sup> Estimated stocks as of September 1 of year shown.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



Table 123.—Honey: United States imports for consumption, by country of origin, 1982-84

Continent and country of origin	1982	1983	1984 <sup>1</sup>	Continent and country of origin	1982	1983	1984 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Europe:			
Canada.....	6,602	6,985	15,596	Germany, Fed. Rep. of.....	89	18	81
Dominican Republic.....	788	461	752	Greece.....	6	8	9
El Salvador.....	498	526	701	Hungary.....	465	732	968
Guatemala.....	647	837	601	Netherlands.....	4	6	11
Honduras.....	660	454	477	United Kingdom.....	17	21	32
Mexico.....	12,529	20,020	20,913	Other countries.....	64	47	191
Other countries.....	78	102	288	Total.....	645	832	1,292
Total.....	21,802	29,385	39,328	Asia, Africa, and Oceania:			
South America:				Australia.....	2,835	1,375	1,723
Argentina.....	7,493	8,791	10,317	China.....	7,949	8,754	5,498
Brazil.....	323	37	17	Taiwan.....	104	36	17
Chile.....	443	397	49	Egypt.....	0	0	18
Other countries.....	18	162	34	Hong Kong.....	45	12	52
Total.....	8,277	9,387	10,417	Japan.....	34	0	0
				New Zealand.....	5	23	27
				Other countries.....	19	19	0
				Total.....	10,991	10,219	7,335
				Total.....	41,715	49,823	58,372

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 124.—Beeswax, crude: United States imports for consumption, by country of origin, 1982-84

Continent and country of origin	1982	1983	1984 <sup>1</sup>	Continent and country of origin	1982	1983	1984 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Europe:			
Canada.....	188	168	145	France.....	1	2	1
Dominican Republic.....	160	188	164	Other countries.....	0	2	2
Mexico.....	128	97	37	Asia and Oceania:			
Other countries.....	0	6	10	Australia.....	3	4	8
South America:				China.....	13	0	0
Brazil.....	68	32	89	Other countries.....	1	1	1
Chile.....	112	124	98	Total.....	784	736	620
Other countries.....	10	1	0				
Africa:							
Egypt.....	30	5	0				
Ethiopia.....	10	66	20				
Tanzania.....	60	40	28				
Other countries.....	0	0	17				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from Reports of the U.S. Department of Commerce.



**Table 125.—Feed and industrial molasses: Mainland production, inshipments and foreign trade, and total market supplies in the United States, 1970-84**

Year	Production in mainland areas						Shipments from offshore domestic areas		
	Mainland cane	Domestic beet	Refiners' black-strap	Citrus	Hydrol	Total	Hawaii	Puerto Rico	Total
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1970 .....	86,037	160,100	46,600	11,808	22,000	326,545	56,937	3,193	60,130
1971 .....	88,609	161,159	43,474	10,215	22,000	325,457	50,111	1,452	51,563
1972 .....	125,593	166,584	39,142	8,308	22,500	362,121	55,759	6,785	62,544
1973 .....	112,360	158,138	44,900	9,837	23,000	348,235	51,025	.....	51,025
1974 .....	102,078	155,916	45,000	10,588	23,500	337,082	44,163	2,374	46,537
1975 .....	125,430	188,175	45,000	10,178	24,500	393,283	49,349	.....	49,349
1976 .....	131,746	157,996	50,312	5,802	37,000	382,856	46,808	82	46,890
1977 .....	114,330	187,079	50,668	5,183	39,700	376,960	42,144	.....	42,144
1978 .....	106,730	140,231	44,558	4,250	41,688	337,457	51,589	.....	51,589
1979 .....	107,389	135,854	39,049	3,463	40,318	326,073	57,537	.....	57,537
1980 .....	109,678	113,306	34,655	6,322	39,726	303,687	48,402	.....	48,402
1981 .....	129,504	147,791	47,754	6,134	19,466	350,649	53,152	.....	53,152
1982 .....	126,956	170,781	38,189	4,011	10,400	350,337	50,171	.....	50,171
1983 .....	123,007	162,762	31,549	4,609	9,100	331,027	54,354	.....	54,354
1984 .....	114,965	175,000	34,598	6,267	.....	330,830	50,029	.....	50,029

  

Year	United States imports from foreign countries					Mainland exports <sup>2</sup>	Total market supplies available
	Brazil	Dominican Republic	Mexico	Other	Total		
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons		
1970 .....	32,633	34,325	81,387	233,514	381,859	1,447	767,087
1971 .....	37,071	27,293	105,878	229,522	399,764	1,718	775,066
1972 .....	42,944	45,871	116,437	201,594	406,846	3,082	828,435
1973 .....	52,733	45,007	119,232	186,342	403,314	4,680	797,894
1974 .....	62,061	31,395	110,726	180,095	384,277	12,645	755,251
1975 .....	31,148	24,389	74,445	173,304	303,286	6,310	739,608
1976 .....	45,798	27,513	79,810	258,073	411,194	11,215	829,725
1977 .....	30,937	10,667	88,857	217,187	347,648	22,892	743,860
1978 .....	9,220	12,895	97,606	151,289	271,010	20,290	639,766
1979 .....	9,612	16,362	64,761	140,979	231,714	19,287	596,037
1980 .....	5,214	23,791	33,867	77,467	140,339	23,656	468,772
1981 .....	19,345	26,502	6,527	143,539	195,913	17,779	581,935
1982 .....	.....	32,030	19,751	151,945	203,726	47,195	557,039
1983 .....	4,103	34,391	23,393	214,599	276,486	48,648	613,219
1984 <sup>1</sup> .....	10,233	29,050	17,666	200,300	257,249	26,373	611,735

<sup>1</sup> Preliminary.

<sup>2</sup> Does not include exports from Hawaii and Puerto Rico.

Agricultural Marketing Service.

Table 126.—Edible sirups, molasses, and honey: Production, foreign trade, and indicated domestic consumption, United States, 1970-84

Year	Production <sup>1</sup>							Imports			
	Sirups					Honey	Total	Maple sirup	Edible molasses and cane sirup <sup>3</sup>	Honey	Total
	Corn	Cane	Maple <sup>2</sup>	Refiners	Edible molasses						
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1970.....	292,000		1,110	1,695	2,121	18,726	315,652	956	2,052	749	3,757
1971.....	304,000		962	1,883	2,517	16,708	326,070	577	2,333	967	3,877
1972.....	387,880		1,099	2,077	2,290	18,210	411,556	710	1,623	3,291	5,624
1973.....	451,264		857	2,309	1,926	20,193	476,549	803	2,857	900	4,560
1974.....	498,313		1,087	2,564	1,559	15,866	519,389	801	2,469	2,196	5,466
1975.....	561,215		1,207	2,482	2,114	16,823	583,841	607	2,483	3,917	7,007
1976.....	615,498		927	2,403	2,574	16,756	638,158	886	3,188	5,608	9,682
1977.....	695,196		1,221	2,197	2,538	15,076	716,228	867	1,773	5,396	8,036
1978.....	751,809		1,154	2,571	2,750	19,466	777,750	811	2,077	4,727	7,615
1979.....	845,741		1,219	2,524	2,900	20,160	872,544	857	2,944	4,948	8,749
1980.....	941,056		973	1,983	1,900	16,871	962,783	855	3,422	4,143	8,420
1981.....	1,073,933		1,410	1,446	2,100	15,703	1,094,592	1,046	2,040	6,530	9,616
1982.....	1,212,759		1,292	1,003	1,550	18,666	1,235,270	1,154	2,566	7,767	11,487
1983.....	1,334,557		1,150	1,000	1,850	17,314	1,355,871	1,287	2,336	9,277	12,900
1984 <sup>5</sup> .....	1,501,377		1,366	1,000	1,800	13,936	1,519,479	1,248	3,495	10,869	15,612

  

Year	Exports			Indicated domestic consumption				
	Corn sirup	Honey	Total	Sirups			Honey	Total
				Corn	Maple	Cane and refiners sirup and edible molasses		
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1970.....	1,324	689	2,013	290,676	2,066	5,981	18,717	317,440
1971.....	1,324	639	1,963	302,676	1,539	6,870	17,035	328,120
1972.....	1,205	346	1,551	386,675	1,809	6,061	21,155	415,700
1973.....	1,377	1,485	2,862	449,887	1,660	7,170	19,609	478,326
1974.....	1,736	386	2,122	496,577	1,888	6,631	17,676	522,772
1975.....	1,070	337	1,407	560,145	1,814	7,079	20,403	588,441
1976.....	1,674	396	2,070	613,824	1,813	8,165	21,968	645,770
1977.....	1,543	466	2,009	693,653	2,088	6,508	20,006	722,255
1978.....	1,694	679	2,373	750,115	1,965	7,398	23,514	782,992
1979.....	1,207	747	1,954	844,534	2,076	8,368	24,361	879,339
1980.....	3,498	722	4,220	937,558	1,828	7,620	20,292	967,298
1981.....	2,916	777	3,693	1,071,017	2,456	5,586	21,456	1,100,515
1982.....	791	721	1,512	1,211,968	2,446	5,119	25,712	1,245,245
1983.....	1,223	630	1,853	1,333,334	2,437	5,186	25,961	1,366,918
1984 <sup>5</sup> .....	656	627	1,283	1,500,721	2,614	6,295	24,178	1,533,808

<sup>1</sup> Production of cane sirup and edible molasses is of the fall of the preceding year. Cane sirup discontinued beginning 1970.

<sup>2</sup> Does not include varying quantities produced on nonfarm lands in Somerset County, Maine.

<sup>3</sup> U.S. Department of Commerce molasses and sugar sirups series.

<sup>4</sup> Unofficial estimates, 1970-71 and 1978-79; estimates for 1972-1977 from U.S. International Trade Commission Publication 881, April 1978. Corn sirup production includes high-fructose corn sirup beginning 1972.

<sup>5</sup> Preliminary.

Economic Research Service.

Table 127.—Tobacco: Area, yield, production, and value, United States, 1970–84

Year	Area harvested	Yield per acre	Production <sup>1</sup>	Season average price per pound received by farmers	Value of production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1970 .....	898,330	2,122	1,906,453	72.9	1,389,311
1971 .....	837,590	2,035	1,704,884	78.6	1,339,644
1972 .....	842,420	2,076	1,749,085	83.0	1,451,275
1973 .....	886,590	1,965	1,742,105	90.1	1,569,440
1974 .....	962,620	2,067	1,989,728	108.6	2,159,875
1975 .....	1,086,650	2,008	2,182,304	102.6	2,238,288
1976 .....	1,046,920	2,041	2,136,674	112.5	2,404,337
1977 .....	965,800	1,982	1,914,129	118.6	2,270,360
1978 .....	963,730	2,101	2,024,820	132.4	2,679,967
1979 .....	827,700	1,844	1,526,516	141.1	2,153,911
1980 .....	921,020	1,939	1,786,225	152.3	2,720,406
1981 .....	976,580	2,113	2,063,589	170.6	3,520,373
1982 .....	912,730	2,185	1,994,494	176.4	3,518,958
1983 .....	789,155	1,811	1,428,969	174.6	2,495,676
1984 <sup>2</sup> .....	792,600	2,180	1,728,146	180.7	3,122,486

<sup>1</sup> Production figures are on farm-sales-weight basis.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 128.—Tobacco: Area, yield, and production, by States, 1982–84

State	Area harvested			Yield per harvested acre			Production		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Conn.....	2,660	1,930	1,770	1,583	1,738	1,595	4,210	3,354	2,824
Fla.....	9,300	7,800	7,000	2,255	2,260	2,560	20,972	17,628	17,920
Ga.....	49,000	44,000	38,000	2,155	2,190	2,250	105,595	96,360	85,500
Ind.....	8,600	8,100	8,100	2,350	1,610	2,320	20,210	13,041	18,792
Ky.....	244,100	203,300	228,500	2,414	1,597	2,320	589,350	324,602	530,088
Md.....	27,000	27,000	24,000	1,390	1,100	1,300	37,530	29,700	31,200
Mass.....	550	425	500	1,549	1,842	1,570	852	783	785
Mo.....	3,000	3,100	2,900	1,980	2,070	2,015	5,940	6,417	5,844
N.C.....	325,740	277,700	271,600	2,151	1,969	2,172	700,668	546,869	590,026
Ohio.....	14,400	11,900	12,000	2,213	1,485	2,209	31,860	17,668	26,507
Pa.....	13,000	12,000	12,000	1,991	1,832	1,864	25,885	21,985	22,370
S.C.....	59,000	54,000	47,000	2,105	2,090	2,245	124,195	112,860	105,515
Tenn.....	82,610	72,910	74,990	2,156	1,621	2,062	178,117	118,197	154,646
Va.....	61,670	54,190	53,840	2,033	1,828	2,153	125,384	99,052	115,897
W. Va.....	2,000	2,200	2,400	1,795	1,710	1,870	3,590	3,762	4,488
Wis.....	10,100	8,600	8,400	1,994	1,941	1,968	20,136	16,691	15,744
U.S.....	912,730	789,155	792,600	2,185	1,811	2,180	1,994,494	1,428,969	1,728,146

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 129.—Tobacco: Area, yield, and production in specified countries, 1982-84

Continent and country	Area harvested			Yield per hectare			Production *		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	Hec- tares	Hec- tares	Hec- tares	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
North and Central America incl. Caribbean:									
Canada .....	31,179	47,159	37,249	2.25	2.37	2.42	70,174	111,714	90,177
Costa Rica .....	1,217	1,067	1,399	1.34	1.20	1.32	1,630	1,278	1,845
Cuba .....	68,700	40,000	55,000	.65	.78	.84	44,415	31,000	46,000
Dominican Republic .....	35,485	19,900	20,000	1.21	1.27	1.26	43,032	25,240	25,200
El Salvador .....	1,348	925	710	1.56	1.91	1.94	2,102	1,763	1,375
Guatemala .....	4,867	6,845	6,300	1.98	1.86	1.87	9,615	12,722	11,785
Haiti .....	606	606	565	.99	1.19	1.29	600	720	730
Honduras .....	4,449	3,428	3,347	1.87	1.49	1.51	6,095	5,099	5,049
Jamaica .....	1,055	975	920	1.66	1.50	1.57	1,750	1,460	1,445
Mexico .....	38,190	39,500	35,400	1.56	1.59	1.56	59,400	62,000	55,310
Nicaragua .....	1,519	1,721	2,240	1.83	2.27	2.03	2,783	3,900	4,550
Panama .....	960	670	715	1.34	1.57	1.60	1,291	1,050	1,142
Trinidad-Tobago .....	100	100	100	1.70	1.70	1.70	170	170	170
United States (incl. Puerto Rico) .....	369,377	319,367	320,761	2.44	2.03	2.44	904,697	448,177	783,882
Total .....	559,052	482,263	484,706	2.09	1.87	2.12	1,147,754	902,193	1,028,660
South America:									
Argentina .....	53,350	58,050	60,587	1.23	1.22	1.24	65,667	70,717	75,377
Brazil .....	240,000	285,000	276,000	1.58	1.33	1.45	378,000	378,000	401,000
Bolivia .....	2,000	1,250	1,250	1.00	1.00	1.00	2,000	1,250	1,250
Chile .....	1,952	1,830	2,525	2.90	3.02	3.07	5,660	5,520	7,750
Colombia .....	25,283	29,080	21,877	1.41	1.60	1.60	35,687	46,424	34,914
Ecuador .....	1,934	1,750	1,500	1.83	1.89	1.93	3,539	3,300	2,900
Guyana .....	100	100	100	1.00	1.00	1.00	100	100	100
Paraguay .....	9,600	12,000	15,000	1.25	1.50	1.33	12,000	18,000	20,000
Peru .....	2,800	2,480	2,480	1.40	1.24	1.24	3,930	3,080	3,080
Uruguay .....	856	800	800	2.11	1.75	1.75	1,808	1,400	1,400
Venezuela .....	11,430	6,890	10,790	1.42	1.77	1.63	16,228	12,220	17,570
Total .....	349,305	399,230	392,909	1.50	1.35	1.44	524,619	540,061	565,341
Europe:									
Belgium and Luxembourg .....	476	517	520	3.57	4.02	2.85	1,699	2,076	1,480
France .....	15,441	15,441	14,168	2.88	2.88	2.53	44,502	44,502	35,866
Germany, Fed. Rep. of .....	3,046	2,978	3,044	2.66	2.29	2.41	8,114	6,809	7,338
Greece .....	90,427	92,714	92,799	1.45	1.20	1.51	131,427	111,699	140,289
Italy .....	64,578	71,433	69,515	2.25	2.18	2.20	145,018	156,024	152,824
Total EC .....	173,968	183,083	180,046	1.90	1.75	1.88	330,760	321,110	337,797
Austria .....	237	248	268	1.96	1.87	1.83	464	464	490
Portugal (incl. Azores) .....	1,141	1,440	1,838	1.71	1.85	1.94	1,950	2,706	3,570
Spain (incl. Canary Is.) .....	21,658	20,576	22,434	1.95	2.02	2.04	42,263	43,141	45,871
Switzerland .....	735	708	710	2.11	2.40	2.39	1,554	1,700	1,700
Total Western Europe .....	197,739	206,055	205,296	1.91	1.79	1.90	376,991	369,121	389,428
Albania .....	24,000	24,000	24,000	.54	.54	.54	13,000	13,000	13,000
Bulgaria .....	114,067	89,500	87,400	1.33	1.63	1.71	152,000	145,882	149,768
Czechoslovakia .....	3,804	3,840	3,812	1.62	1.51	1.39	6,161	5,800	5,300
Germany, Dem. Rep. of .....	2,900	2,950	3,700	1.44	1.68	1.68	4,180	4,950	6,220
Hungary .....	15,400	13,000	12,200	1.56	1.54	1.57	24,000	20,000	19,100
Poland .....	48,445	53,075	49,820	1.98	1.83	1.98	95,912	97,372	98,600
Romania .....	40,000	34,600	34,500	.95	.71	.80	38,000	24,700	27,700
Yugoslavia .....	61,121	60,036	62,000	1.26	1.19	1.24	77,000	71,240	77,000
Total Eastern Europe .....	309,737	281,001	277,432	1.32	1.36	1.43	410,253	382,944	396,688
Total Europe .....	507,476	487,056	482,728	1.55	1.54	1.63	787,244	752,065	786,116
Soviet Union .....	188,000	190,400	188,500	1.63	2.02	1.97	307,000	385,000	370,500
Africa:									
Algeria .....	6,000	4,000	5,000	.78	1.00	.90	4,700	4,000	4,500
Angola .....	3,950	3,950	3,950	.99	.99	.99	3,900	3,900	3,900
Burundi .....	2,000	2,000	2,000	.80	.80	.80	1,600	1,600	1,600
Cameroon .....	2,302	2,302	2,302	1.13	1.13	1.13	2,600	2,600	2,600
Congo .....	4,100	4,100	4,100	.44	.44	.44	1,800	1,800	1,800
Ghana .....	1,295	1,515	3,930	.66	.40	.27	836	607	1,070
Ivory Coast .....	185	200	250	.90	1.27	1.00	166	254	250

See footnotes at end of table.



Table 129.—Tobacco: Area, yield, and production in specified countries, 1982-84—  
Continued

Continent and country	Area harvested			Yield per hectare			Production <sup>2</sup>		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>Hec- tares</i>	<i>Hec- tares</i>	<i>Hec- tares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Africa—Continued</b>									
Kenya.....	4,409	4,600	5,830	1.18	1.44	1.20	5,212	6,628	7,000
Liberia.....	10	10	10	.90	.90	.90	9	9	9
Libya.....	900	900	900	1.60	1.60	1.60	1,440	1,440	1,440
Madagascar.....	5,900	5,900	5,900	.90	.90	.90	5,300	5,300	5,300
Malawi.....	69,545	101,142	76,699	.85	.71	.68	58,900	71,624	68,800
Mauritius.....	768	768	768	1.36	1.36	1.36	1,044	1,044	1,044
Morocco.....	6,625	4,892	2,004	1.53	1.49	1.09	10,105	7,297	2,191
Mozambique.....	2,700	2,700	2,700	1.07	1.07	1.07	2,900	2,900	2,900
Nigeria.....	16,060	14,450	14,450	.29	.62	.62	4,620	9,000	9,000
Sierra Leone.....	542	542	542	1.07	1.07	1.07	579	579	579
South Africa.....	30,027	33,641	34,750	1.14	1.15	1.05	34,230	38,690	36,570
Tanzania.....	28,465	22,055	19,160	.42	.50	.50	12,040	11,040	9,536
Tunisia.....	4,609	7,860	3,730	1.27	1.04	1.11	5,832	5,060	4,140
Uganda.....	3,400	4,300	4,302	.15	.26	.26	500	1,100	1,100
Zambia.....	2,820	3,120	3,250	1.02	.92	1.08	2,874	2,874	3,500
Zaire.....	3,700	3,700	3,700	1.10	1.11	1.11	4,073	4,110	4,110
Zimbabwe.....	49,057	49,489	54,286	1.90	2.00	2.30	93,061	98,953	124,869
<b>Total.....</b>	<b>249,369</b>	<b>275,136</b>	<b>254,511</b>	<b>1.04</b>	<b>1.03</b>	<b>1.17</b>	<b>258,321</b>	<b>282,409</b>	<b>297,808</b>
<b>Mid East and Asia:</b>									
Bangladesh.....	55,003	52,350	51,675	.93	.96	.81	51,048	50,447	42,109
Burma.....	54,000	70,000	70,000	1.61	1.64	1.64	87,000	115,080	115,080
China.....	1,124,000	768,393	914,000	1.94	1.80	1.81	2,179,000	1,381,000	1,650,000
Taiwan.....	9,330	9,101	9,075	2.74	2.50	2.92	25,570	2,722	26,491
Cyprus.....	98	161	161	1.85	1.50	1.50	181	241	241
India.....	443,800	502,700	440,100	1.17	1.17	1.13	520,100	590,600	497,100
Indonesia.....	210,046	211,901	202,441	.53	.57	.54	111,363	120,131	108,510
Iran.....	16,000	18,000	18,000	1.25	1.39	1.39	20,000	25,000	25,000
Iraq.....	9,000	16,500	16,500	.78	.58	.58	7,000	9,500	9,500
Israel.....	970	1,050	1,050	.46	.29	.38	450	306	400
Japan.....	53,885	53,627	53,384	2.59	2.55	2.54	139,351	136,670	135,477
Jordan.....	7,638	7,200	7,200	.45	.81	.81	3,461	5,800	5,800
Kampuchea.....	9,000	9,000	9,000	.56	.56	.56	5,000	5,000	5,000
Korea, Dem. Peo. Rep. of.....	37,000	37,000	37,000	1.24	1.24	1.24	46,000	46,000	46,000
Korea, Rep. of.....	42,757	41,009	38,819	2.69	2.45	2.43	115,173	100,677	94,172
Laos.....	4,000	4,000	4,000	.75	.75	.75	3,000	3,000	3,000
Lebanon.....	3,291	3,750	3,750	1.34	1.33	1.33	4,400	5,000	5,000
Malaysia.....	12,744	11,267	11,020	.75	.86	.60	9,578	9,668	6,619
Pakistan.....	42,301	41,313	44,319	1.61	1.56	1.78	68,303	64,620	79,080
Philippines.....	87,258	83,495	88,156	1.04	1.10	1.12	90,438	91,676	98,578
Singapore.....	30	30	30	1.67	1.67	1.67	50	50	50
Sri Lanka.....	12,252	12,164	12,164	.74	.74	.74	9,021	9,000	9,000
Syria.....	11,951	14,150	14,500	.99	1.01	1.01	11,775	14,247	14,690
Thailand.....	93,602	93,500	87,500	.99	.98	.98	92,750	92,000	86,000
Turkey.....	206,114	229,766	215,200	1.01	1.02	.89	207,735	234,011	191,198
Vietnam.....	32,000	32,000	32,000	.88	.88	.88	28,000	28,000	28,000
<b>Total.....</b>	<b>2,578,070</b>	<b>2,323,427</b>	<b>2,381,044</b>	<b>1.49</b>	<b>1.36</b>	<b>1.38</b>	<b>3,835,947</b>	<b>3,160,446</b>	<b>3,282,095</b>
<b>Oceania:</b>									
Australia.....	6,153	6,000	6,010	2.25	2.40	2.33	13,837	14,400	14,000
New Zealand.....	532	620	620	2.88	2.55	2.55	1,530	1,580	1,580
<b>Total.....</b>	<b>6,685</b>	<b>6,620</b>	<b>6,630</b>	<b>2.30</b>	<b>2.41</b>	<b>2.35</b>	<b>15,367</b>	<b>15,980</b>	<b>15,580</b>
<b>World total.....</b>	<b>4,437,957</b>	<b>4,164,132</b>	<b>4,194,028</b>	<b>1.55</b>	<b>1.45</b>	<b>1.51</b>	<b>6,876,252</b>	<b>6,043,154</b>	<b>6,346,100</b>

<sup>1</sup> Preliminary.<sup>2</sup> Production figures on farm-sales-weight basis, which is about 10 percent above dry-weight figures normally reported in trade statistics.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.



**Table 130.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1976-84 (farm-sales-weight basis)**

Type and crop year	Area	Yield per acre	Production	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
<b>Total flue-cured, types 11-14:</b>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1976.....	666,640	1,974	1,316,257	1,898,281	3,214,538	<sup>3</sup> 1,148,233	514,228	634,005	110.4
1977.....	595,250	1,899	1,130,460	2,074,975	3,205,435	<sup>3</sup> 1,147,254	539,069	608,185	117.6
1978.....	602,090	2,046	1,231,643	2,051,906	3,283,549	<sup>3</sup> 1,182,955	598,669	584,286	135.0
1979.....	502,800	1,881	945,775	2,074,828	3,020,603	<sup>3</sup> 1,083,205	520,000	563,205	140.0
1980.....	555,110	1,957	1,086,099	1,965,386	3,051,485	<sup>3</sup> 1,038,513	508,916	529,597	144.5
1981.....	540,600	2,164	1,169,733	2,012,570	3,182,303	<sup>3</sup> 1,011,732	522,947	488,795	166.4
1982.....	472,300	2,131	1,006,527	2,145,138	3,151,665	<sup>3</sup> 934,737	455,875	478,777	178.5
1983.....	409,800	2,004	821,288	2,204,654	3,025,942	<sup>3</sup> 894,350	452,544	441,606	177.9
1984 <sup>4</sup> .....	394,000	2,196	865,070	2,165,304	3,030,374				181.1
<b>Total fire-cured, types 21-23:</b>									
1976.....	26,500	1,453	38,516	50,023	86,539	40,646	27,503	13,143	138.9
1977.....	32,760	1,598	52,366	47,893	100,259	40,581	20,433	20,148	127.3
1978.....	33,200	1,755	58,260	59,678	117,938	41,937	25,820	16,117	110.4
1979.....	26,890	1,674	45,005	76,001	121,006	43,728	22,463	21,265	114.3
1980.....	23,260	1,559	36,260	77,278	113,538	42,190	19,865	22,325	157.1
1981.....	24,650	1,526	37,624	71,348	108,972	37,558	21,177	16,381	138.3
1982.....	28,310	1,881	53,256	71,352	124,608	45,680	22,079	23,601	152.0
1983.....	26,120	1,417	37,138	78,928	116,066	40,837	22,883	22,954	174.8
1984 <sup>4</sup> .....	28,290	2,001	56,620	72,229	128,849				151.4
<b>Virginia fire-cured, type 21:</b>									
1976.....	5,300	1,000	5,300	7,438	12,738	6,080	4,095	1,985	118.0
1977.....	7,200	1,000	7,200	6,658	13,858	5,189	2,409	2,780	96.3
1978.....	6,100	1,120	6,832	8,669	15,501	4,604	3,648	956	94.5
1979.....	4,800	1,135	5,448	10,897	16,345	7,082	3,788	3,294	107.9
1980.....	3,900	935	3,647	9,263	12,910	4,632	2,033	2,599	128.1
1981.....	4,100	1,265	5,187	8,278	13,198	4,531	2,711	1,820	131.2
1982.....	4,800	1,150	5,520	8,872	14,392	4,139	1,510	2,629	117.6
1983.....	4,700	985	4,630	10,253	14,883	6,837	2,104	4,733	126.8
1984 <sup>4</sup> .....	4,600	1,325	6,095	8,046	14,141				117.8
<b>Kentucky and Tennessee fire- cured, types 22-23:</b>									
1976.....	21,200	1,567	33,216	42,585	75,801	34,566	23,408	11,158	142.2
1977.....	25,560	1,767	45,166	41,235	86,401	35,392	18,024	17,368	132.3
1978.....	27,100	1,898	51,428	51,009	102,437	37,333	22,172	15,161	113.6
1979.....	22,090	1,791	39,557	65,104	104,661	36,646	18,675	17,971	115.2
1980.....	19,360	1,685	32,613	68,015	100,628	37,558	17,832	19,726	139.4
1981.....	20,550	1,578	32,437	63,070	100,064	33,027	18,466	14,561	161.1
1982.....	23,510	2,030	47,736	62,480	110,216	41,541	20,569	20,972	156.0
1983.....	21,510	1,511	32,508	68,675	101,183	37,000	20,779	16,221	181.7
1984 <sup>4</sup> .....	23,690	2,133	50,525	64,183	114,708				155.4
<b>Burley type 31:</b>									
1976.....	285,800	2,376	678,976	1,160,102	1,839,078	<sup>6</sup> 617,428	116,835	500,593	114.1
1977.....	268,600	2,298	617,280	1,217,225	1,834,505	<sup>6</sup> 611,318	116,489	494,829	120.0
1978.....	261,000	2,396	626,273	1,218,439	1,844,702	<sup>6</sup> 624,304	121,471	502,833	131.2
1979.....	238,100	1,873	445,845	1,211,735	1,657,580	<sup>6</sup> 631,750	133,283	498,467	145.2
1980.....	276,600	2,027	560,783	1,025,812	1,586,595	<sup>6</sup> 583,124	105,494	477,630	165.9
1981.....	331,200	2,203	729,774	1,000,221	1,729,995	<sup>6</sup> 604,917	141,016	463,898	180.7
1982.....	346,200	2,374	821,918	1,120,907	1,942,825	<sup>6</sup> 578,875	134,448	444,027	180.1
1983.....	292,600	1,645	481,439	1,318,726	1,800,165	<sup>6</sup> 501,031	112,305	388,726	177.3
1984 <sup>4</sup> .....	315,700	2,256	712,209	1,344,395	2,056,604				187.6
<b>Maryland type 32:</b>									
1976.....	25,000	1,205	30,125	48,629	78,754	29,988	12,469	17,519	110.0
1977.....	25,000	1,230	30,750	48,766	79,516	28,910	9,408	19,502	114.9
1978.....	24,000	1,275	30,600	50,606	81,206	31,156	10,144	21,012	123.1
1979.....	19,500	1,130	22,035	50,050	72,085	33,556	9,987	23,569	139.7
1980.....	23,990	1,091	26,176	38,529	64,705	27,295	8,739	18,556	167.9
1981.....	36,230	1,281	46,424	37,410	83,834	36,472	8,088	28,384	157.3
1982.....	29,340	1,433	42,049	47,362	89,411	38,898	12,935	25,963	146.1
1983.....	31,300	1,196	37,440	50,513	87,953	33,844	4,108	29,736	106.9
1984 <sup>4</sup> .....	28,300	1,376	38,940	54,109	93,049				132.2

See footnotes at end of table.

Table 130.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1976-84 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Production	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Ex- ports <sup>2</sup>	Domestic	
<b>Total dark air-cured, types 35-37:</b>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1976.....	9,930	1,595	15,836	30,284	46,120	18,294	2,381	15,913	116.1
1977.....	11,950	1,772	21,180	27,826	49,006	16,812	2,569	14,243	117.0
1978.....	11,980	1,923	23,034	32,194	55,228	18,901	2,894	16,007	98.7
1979.....	10,240	1,633	16,717	36,327	53,044	16,832	2,035	14,797	111.0
1980.....	9,690	1,716	16,624	36,192	52,816	14,752	2,440	12,312	126.5
1981.....	10,210	1,599	16,330	38,064	54,394	14,879	2,284	12,595	133.0
1982.....	10,770	1,916	20,636	39,515	60,151	16,449	946	15,503	122.3
1983.....	9,190	1,597	14,673	43,702	58,375	14,350	2,284	12,066	150.8
1984 <sup>4</sup> .....	9,240	2,118	19,569	44,025	63,594				126.9
<b>One Sucker type 35:</b>									
1976.....	6,600	1,590	10,493	15,544	26,037	11,836	2,062	9,774	115.8
1977.....	7,900	1,844	14,571	14,201	28,772	12,467	1,999	10,468	117.7
1978.....	8,100	2,000	16,200	16,305	32,505	13,065	2,329	10,736	98.3
1979.....	7,100	1,661	11,792	19,440	31,232	11,460	1,816	9,644	114.1
1980.....	7,100	1,747	12,402	19,772	32,174	8,867	2,278	6,589	126.5
1981.....	7,400	1,636	12,103	23,307	35,410	9,819	2,133	7,686	136.0
1982.....	7,400	1,959	14,497	25,591	40,088	10,878	787	10,091	122.4
1983.....	6,000	1,621	9,728	29,210	38,938	10,265	2,105	8,160	155.4
1984 <sup>4</sup> .....	6,100	2,151	13,120	28,673	41,793				131.1
<b>Green River, type 36:</b>									
1976.....	2,650	1,730	4,585	12,668	17,253	5,395	65	5,330	118.5
1977.....	3,250	1,760	5,785	11,858	17,643	3,588	443	3,145	117.8
1978.....	3,150	1,890	5,954	14,055	20,009	5,300	373	4,927	101.1
1979.....	2,600	1,675	4,355	14,709	19,064	4,648	20	4,628	105.3
1980.....	2,200	1,740	3,828	14,396	18,224	5,093	55	5,038	126.5
1981.....	2,300	1,545	3,554	13,131	17,271	4,336	8	4,328	123.1
1982.....	2,800	1,930	5,404	12,349	17,753	4,712	80	4,632	124.3
1983.....	2,700	1,690	4,563	13,041	17,604	3,613	68	3,545	142.5
1984 <sup>4</sup> .....	2,700	2,170	5,859	13,991	19,850				120.7
<b>Virginia sun-cured, type 37:</b>									
1976.....	680	1,115	758	2,072	2,830	1,063	254	809	105.0
1977.....	800	1,030	824	1,767	2,591	757	127	630	100.0
1978.....	730	1,205	880	1,834	2,714	536	192	344	88.8
1979.....	540	1,055	570	2,178	2,748	724	199	525	90.8
1980.....	390	1,010	394	2,024	2,418	792	107	685	127.1
1981.....	510	1,320	673	1,626	2,275	724	143	581	131.7
1982.....	570	1,290	735	1,575	2,310	859	79	780	106.4
1983.....	490	780	382	1,451	1,833	472	111	361	132.5
1984 <sup>4</sup> .....	440	1,340	590	1,361	1,951				94.3
<b>Total continental cigar filler, types 41-44:</b>									
1976.....	15,700	1,722	27,035	52,484	79,519	23,804	377	23,427	59.9
1977.....	15,300	1,950	29,835	55,715	85,543	24,469	276	24,193	60.2
1978.....	14,600	1,930	28,180	61,081	89,261	27,328	145	27,183	62.2
1979.....	12,500	1,572	19,646	61,933	81,579	28,684	266	28,418	89.0
1980.....	14,400	1,881	27,080	52,895	79,975	23,871	537	23,334	88.8
1981.....	15,000	1,981	29,713	56,104	85,817	29,098	211	28,887	82.1
1982.....	12,500	1,993	24,910	56,719	81,629	21,621	393	21,228	75.4
1983.....	9,100	1,776	16,163	60,008	76,171	22,355	304	22,051	82.1
1984 <sup>4</sup> .....	8,800	1,913	16,830	53,816	76,646				90.0
<b>Pennsylvania seedleaf filler, type 41:</b>									
1976.....	13,500	1,750	23,625	46,788	70,413	20,672	377	20,295	60.0
1977.....	13,500	1,940	26,190	49,741	75,931	21,846	276	21,570	60.0
1978.....	13,000	1,940	25,220	54,085	79,305	23,633	145	23,488	62.0
1979.....	11,200	1,580	17,696	55,672	73,368	24,273	266	24,007	72.0
1980.....	13,000	1,900	24,700	49,095	73,795	21,705	537	21,168	87.0
1981.....	13,300	2,050	27,265	52,090	79,355	27,012	211	26,801	80.0
1982.....	10,700	2,000	21,400	52,343	73,743	19,618	393	19,225	73.0
1983.....	7,700	1,850	14,245	54,125	68,370	20,415	304	20,111	83.0
1984 <sup>4</sup> .....	7,700	1,900	14,630	47,955	62,585				90.0

See footnotes at end of table.

Table 130.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1976-84 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Production	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
	Acres	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents
<b>Miami Valley (Ohio) filler, Types 42-44:</b>									
1976.....	2,200	1,550	3,410	5,696	9,106	3,132		3,132	59.0
1977.....	1,800	2,025	3,645	5,974	9,612	2,623		2,623	62.0
1978.....	1,600	1,850	2,960	6,996	9,956	3,695		3,695	64.0
1979.....	1,300	1,500	1,950	6,261	8,211	4,411		4,411	87.0
1980.....	1,400	1,700	2,380	3,800	6,180	2,166		2,166	107.0
1981.....	1,700	1,440	2,448	2,060	4,508	2,086		2,086	105.0
1982.....	1,800	1,950	3,510	4,376	7,886	2,003		2,003	90.0
1983.....	1,400	1,370	1,918	5,883	7,801	1,940		1,940	75.0
1984 <sup>4</sup> .....	1,100	2,000	2,200	5,861	8,061				90.0
<b>Puerto Rican filler type 46:<sup>5</sup></b>									
1976.....	3,200	1,272	4,069	7,222	11,291	4,911		4,911	57.6
1977.....	2,300	1,705	3,922	6,380	10,302	3,870		3,870	60.2
1978.....	2,300	1,400	3,107	6,432	9,539	2,594		2,594	57.0
1979.....	2,000	1,000	2,019	6,945	8,964	886		886	69.1
1980.....	1,100	1,380	1,520	8,078	10,578	1,644		1,644	73.5
1981.....	600	1,000	600	7,968	7,859	1,309		1,309	86.0
1982.....	300	1,000	300	7,259	7,559	712		712	91.0
1983.....	800	1,000	800	6,847	7,647	1,587		1,587	91.0
1984 <sup>4</sup> .....	800	1,000	800	6,060	6,860				91.0
<b>Total cigar binder, types 51-55:</b>									
1976.....	12,610	1,795	22,633	43,521	66,154	21,814	159	21,655	76.5
1977.....	13,380	2,007	26,847	44,340	71,187	21,169	144	21,025	88.4
1978.....	13,620	1,684	22,940	50,018	72,958	22,195	88	22,107	105.6
1979.....	14,370	1,911	27,457	50,763	75,220	23,651	168	23,483	120.9
1980.....	14,400	1,985	28,590	54,569	83,159	23,504	208	23,296	129.9
1981.....	15,440	1,932	29,830	61,822	91,652	22,104	123	21,981	118.9
1982.....	12,200	1,941	23,675	67,099	79,774	23,316	187	23,129	115.2
1983.....	9,975	1,920	19,156	67,558	86,714	21,048	188	20,860	115.5
1984 <sup>4</sup> .....	9,050	1,948	17,628	65,180	82,808				116.6
<b>Connecticut Valley binder, types 51-52:</b>									
1976.....	1,510	1,605	2,424	4,259	6,683	2,339	149	2,190	89.6
1977.....	1,380	1,784	2,462	4,344	6,806	1,886	36	1,850	121.3
1978.....	1,520	1,734	2,635	4,920	7,555	2,071	79	1,992	144.9
1979.....	1,470	1,637	2,407	5,484	7,891	2,227	167	2,060	161.5
1980.....	1,500	1,750	2,625	5,664	8,298	2,197	173	2,024	178.8
1981.....	1,740	1,998	3,477	6,092	9,569	2,483	112	2,371	182.1
1982.....	2,100	1,685	3,539	7,086	10,625	3,355	185	3,170	180.9
1983.....	1,375	1,793	2,465	7,270	9,735	3,161	156	3,005	155.7
1984 <sup>4</sup> .....	1,050	1,794	1,884	6,661	8,545				167.6
<b>Wisconsin binder, types 54-55:</b>									
1976.....	11,100	1,821	20,209	39,262	59,471	19,475	10	19,465	75.0
1977.....	12,000	2,032	24,385	39,996	64,381	19,283	108	19,175	85.0
1978.....	12,100	1,678	20,305	45,098	65,403	20,124	9	20,115	100.5
1979.....	12,900	1,942	25,050	45,279	70,923	22,018	1	22,017	117.0
1980.....	12,900	2,013	25,965	48,905	74,870	21,307	35	21,272	125.0
1981.....	13,700	1,924	26,353	55,730	82,083	19,621	11	19,610	110.6
1982.....	10,100	1,994	20,136	60,013	80,149	19,961	2	19,959	103.7
1983.....	8,600	1,941	16,691	60,288	76,979	17,887	32	17,855	109.6
1984 <sup>4</sup> .....	8,000	1,968	15,744	58,519	74,263				110.5
<b>Southern Wisconsin, type 54:</b>									
1976.....	5,600	1,890	10,584	23,249	33,833	10,066		10,066	74.7
1977.....	6,200	2,020	12,524	23,767	36,281	10,244		10,244	84.6
1978.....	6,200	1,800	11,160	26,047	37,207	11,361		11,361	100.5
1979.....	6,300	2,080	13,104	25,846	38,950				117.0
1980.....	6,300	2,110	13,293						125.0
1981.....	6,400	2,150	13,760						113.0
1982.....	5,100	2,110	10,761						106.0
1983.....	4,400	2,080	9,152						110.0
1984 <sup>4</sup> .....	3,900	2,050	7,995						111.0

See footnotes at end of table.



**Table 130.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1976–84 (farm-sales-weight basis)—Continued**

Type and crop year	Area	Yield per acre	Production	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Ex- ports <sup>2</sup>	Domestic	
<b>Northern Wisconsin type 55:</b>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1976.....	5,500	1,750	9,625	16,013	25,638	9,409	10	9,399	75.2
1977.....	5,800	2,045	11,861	16,229	28,090	9,039	108	8,931	85.5
1978.....	5,900	1,550	9,145	19,051	28,196	8,763	9	8,754	100.5
1979.....	6,600	1,810	11,946	19,433	31,379	.....	.....	.....	117.0
1980.....	6,600	1,920	12,672	.....	.....	.....	.....	.....	125.0
1981.....	7,300	1,725	12,593	.....	.....	.....	.....	.....	108.0
1982.....	5,000	1,875	9,375	.....	.....	.....	.....	.....	101.0
1983.....	4,200	1,795	7,539	.....	.....	.....	.....	.....	109.0
1984 <sup>4</sup> .....	4,100	1,890	7,749	.....	.....	.....	.....	.....	110.0
<b>Total cigar wrapper, types 61–62:</b>									
1976.....	4,600	1,565	7,198	13,552	20,750	7,602	3,759	3,843	528.2
1977.....	3,420	1,547	5,292	13,148	18,440	5,736	4,753	983	591.4
1978.....	2,710	1,392	3,773	12,704	16,477	6,237	5,294	943	750.0
1979.....	2,720	1,472	4,003	10,240	14,243	6,456	5,389	1,067	850.0
1980.....	2,990	1,513	4,524	7,787	12,311	6,129	3,962	2,167	980.0
1981.....	2,600	1,592	4,138	6,182	10,320	5,056	1,565	3,491	1,000.0
1982.....	1,120	1,421	1,592	5,254	6,846	3,598	1,956	2,612	1,250.0
1983.....	980	1,706	1,672	3,428	5,100	1,361	1,000	361	1,100.0
1984 <sup>4</sup> .....	1,220	1,414	1,725	3,739	5,464	.....	.....	.....	1,250.0
<b>Connecticut Valley shadegrown, type 61:</b>									
1976.....	4,250	1,555	6,610	7,544	14,154	5,236	3,336	1,900	540.0
1977.....	3,280	1,544	5,064	8,918	13,982	4,707	4,213	494	600.0
1978.....	2,710	1,392	3,773	9,275	13,048	4,927	4,884	43	750.0
1979.....	2,720	1,472	4,003	8,121	12,124	5,380	4,915	465	850.0
1980.....	2,990	1,513	4,524	6,744	11,268	.....	.....	.....	980.0
1981.....	2,600	1,592	4,138	5,333	9,471	.....	.....	.....	1,000.0
1982.....	1,120	1,421	1,592	4,923	6,515	.....	.....	.....	1,250.0
1983.....	980	1,706	1,672	3,312	4,984	.....	.....	.....	1,100.0
1984 <sup>4</sup> .....	1,220	1,414	1,725	3,684	5,409	.....	.....	.....	1,250.0
<b>Georgia-Florida shadegrown type 62:</b>									
1976.....	350	1,680	588	6,008	6,596	2,366	423	1,943	395.0
1977.....	140	1,630	228	4,230	4,458	1,029	540	489	400.0
1978.....	0	0	0	3,429	3,429	1,310	410	900	.....
1979.....	.....	.....	.....	2,119	2,119	1,076	474	602	.....
1980.....	.....	.....	.....	1,043	1,043	.....	.....	.....	.....
1981.....	.....	.....	.....	839	839	.....	.....	.....	.....
1982.....	.....	.....	.....	331	331	.....	.....	.....	.....
1983.....	.....	.....	.....	116	116	.....	.....	.....	.....
1984 <sup>4</sup> .....	.....	.....	.....	55	55	.....	.....	.....	.....
<b>Total tobacco, types 11–72: <sup>5</sup></b>									
1976.....	1,050,120	2,039	2,140,743	3,304,557	5,445,300	<sup>3</sup> 1,912,746	677,816	1,234,930	112.4
1977.....	968,100	1,981	1,918,051	3,525,843	5,443,894	<sup>3</sup> 1,900,214	693,236	1,206,978	118.5
1978.....	965,930	2,099	2,027,927	3,543,603	5,571,530	<sup>3</sup> 1,957,837	764,765	1,193,082	132.2
1979.....	829,200	1,843	1,528,568	3,579,264	5,107,832	<sup>3</sup> 1,868,044	689,269	1,179,775	141.0
1980.....	921,620	1,940	1,787,692	3,258,448	5,046,140	1,761,022	650,161	1,110,871	152.3
1981.....	976,580	2,114	2,064,211	3,291,217	5,335,428	1,763,032	697,411	1,065,621	170.6
1982.....	913,030	2,185	1,995,294	3,560,605	5,555,468	1,763,125	697,411	722,543	176.4
1983.....	789,955	1,810	1,429,769	3,834,364	5,264,133	1,663,886	629,219	713,345	174.5
1984 <sup>4</sup> .....	793,400	2,179	1,728,946	3,808,857	5,538,248	1,530,763	595,616	635,898	180.6

<sup>1</sup> July 1 for flue-cured types 11–14 and cigar types 61 and 62; Oct. 1 for all other types.

<sup>2</sup> Exports by rehanding trade included in totals of types from which they are made.

<sup>3</sup> Disappearance adjusted for tobacco still on farms at end of marketing year.

<sup>4</sup> Preliminary.

<sup>5</sup> Puerto Rican crop planted in the fall of the year shown and harvested the following spring.

<sup>6</sup> Includes Perique.

Economic Research Service. Basic export data from the official reports of the Department of Commerce.



Table 131.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States 1981-85 (farm-sales-weight basis) <sup>1</sup>

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Flue-cured, types 11-14:					Miami Valley (Ohio) filler, types 42-44:				
1981.....	2,519,505	2,231,075	2,012,510	2,569,530	1981.....	3,322	3,010	2,506	4,014
1982.....	2,587,880	2,253,602	2,145,138	2,646,644	1982.....	3,482	5,046	4,742	4,376
1983.....	2,692,962	2,390,012	2,204,654	2,604,603	1983.....	2,793	6,003	6,304	5,883
1984.....	2,549,772	2,329,840	2,165,304	2,507,122	1984.....	5,389	6,112	6,376	5,861
1985.....	2,541,380				1985.....	4,850			
Virginia fire- cured, type 21:					Puerto Rican filler, type 46: <sup>2</sup>				
1981.....	8,632	10,293	9,777	8,278	1981.....	7,889	7,519	8,721	7,968
1982.....	10,660	11,629	10,870	8,872	1982.....	7,965	7,868	7,590	7,259
1983.....	11,477	12,558	11,833	10,253	1983.....	7,320	7,112	6,978	6,847
1984.....	10,026	10,308	9,603	8,046	1984.....	6,437	5,959	6,251	6,060
1985.....	9,455				1985.....	6,771			
Kentucky and Tennessee fire-cured, types: 22-23:					Connecticut Valley types 51-52:				
1981.....	66,949	81,595	71,742	63,070	1981.....	5,903	6,011	6,416	6,092
1982.....	56,173	84,764	72,241	62,480	1982.....	6,540	6,999	6,500	7,086
1983.....	53,349	84,017	76,858	68,675	1983.....	8,124	8,600	8,435	7,290
1984.....	66,198	78,747	74,863	64,183	1984.....	7,810	7,664	7,309	6,661
1985.....	58,745				1985.....	6,426			
Burley, type 31:					Wisconsin, types 54-55:				
1981.....	1,298,543	1,297,073	1,141,075	1,000,221	1981.....	45,971	64,905	61,394	53,563
1982.....	1,366,392	1,425,874	1,245,698	1,120,907	1982.....	49,801	65,084	64,933	60,013
1983.....	1,447,864	1,560,293	1,442,853	1,318,726	1983.....	55,887	67,572	65,350	60,288
1984.....	1,537,072	1,509,179	1,445,596	1,344,395	1984.....	57,617	68,918	63,350	58,519
1985.....	1,698,885				1985.....	56,043			
Maryland, type 32:					Connecticut Valley shade- grown, type 61:				
1981.....	32,597	27,705	41,769	37,410	1981.....	6,376	5,236	5,333	4,926
1982.....	36,957	40,335	55,113	47,362	1982.....	5,500	4,338	4,923	4,210
1983.....	38,808	46,321	59,953	50,513	1983.....	4,485	4,149	3,312	3,792
1984.....	48,315	52,792	61,578	54,109	1984.....	4,160	3,920	3,684	3,164
1985.....	49,001				1985.....	3,340			
One Sucker, type 35:					Georgia and Florida shade- grown, type 62:				
1981.....	20,943	27,816	25,711	23,307	1981.....	1,078	610	839	839
1982.....	25,039	30,695	27,594	25,591	1982.....	817	471	331	329
1983.....	27,602	34,744	31,811	29,218	1983.....	105	112	116	104
1984.....	30,986	31,994	31,091	28,673	1984.....	64	57	55	38
1985.....	28,817				1985.....	8			
Green River, type 36:					Perique, type 72:				
1981.....	17,275	16,363	15,135	13,131	1981.....	294	252	242	237
1982.....	13,729	14,647	13,326	12,349	1982.....	196	187	255	185
1983.....	12,923	14,999	13,941	13,041	1983.....	149	144	161	140
1984.....	14,901	15,951	15,465	13,991	1984.....	170	187	164	387
1985.....	14,829				1985.....	167			
Virginia sun- cured, type 37:					Other miscellaneous domestic, type 73:				
1981.....	2,351	2,105	1,873	1,676	1981.....	5,495	5,007	4,905	4,654
1982.....	1,852	2,065	1,902	1,575	1982.....	4,134	4,493	3,810	3,504
1983.....	1,753	1,751	1,585	1,451	1983.....	3,846	4,330	4,679	4,532
1984.....	1,594	1,612	1,480	1,361	1984.....	7,645	7,234	4,483	3,893
1985.....	1,402				1985.....	6,007			
Pennsylvania seedleaf, type 41:									
1981.....	44,337	62,389	56,458	52,090					
1982.....	48,424	58,909	55,003	52,343					
1983.....	49,881	55,205	58,661	54,125					
1984.....	50,524	52,612	52,383	47,955					
1985.....	38,044								

See footnotes at end of table.

**Table 131.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1981-85 (farm-sales-weight basis) <sup>1</sup>—Continued**

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Foreign-grown cigar-leaf, types 81-89:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Foreign-grown cigarette and smoking types 91-93:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1981.....	87,100	91,161	89,277	93,968	1981.....	675,599	677,971	729,429	752,239
1982.....	94,269	92,787	81,176	89,091	1982.....	760,302	798,830	873,903	879,329
1983.....	92,705	88,434	86,546	84,983	1983.....	795,870	901,828	905,923	884,854
1984.....	83,268	89,484	87,599	86,685	1984.....	874,810	894,144	951,258	944,261
1985.....	90,659				1985.....	919,131			

<sup>1</sup> Stocks shown have been converted to a farm-sales-weight basis—the equivalent of weight at the time of sale by grower—thereby making these data of leaf-tobacco stocks comparable with data of leaf-tobacco production.

<sup>2</sup> Stocks on the island of Puerto Rico are included.

Agricultural Marketing Service.

**Table 132.—Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1970-84**

Year	Cigars		Cigarettes		Chewing tobacco				Smoking tobacco	Snuff	Total chewing, smoking, and snuff
	Large, weighing more than 3 pounds per 1,000 <sup>1</sup>	Small, weighing not more than 3 pounds per 1,000	Large, weighing more than 3 pounds per 1,000	Small, weighing not more than 3 pounds per 1,000 <sup>2</sup>	Plug	Twist	Fine-cut	Loose-leaf			
	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1970.....	7,095	933	1.1	583,250	21,987	2,439	4,824	39,539	69,370	26,522	164,681
1971.....	6,722	1,135	.5	576,425	20,588	2,359	5,149	43,314	60,519	26,425	158,354
1972.....	6,033	4,022	.7	599,070	19,569	2,240	5,233	45,583	55,845	25,490	153,960
1973.....	5,664	4,415	1.1	644,245	18,575	2,138	5,702	47,596	53,007	25,297	152,315
1974.....	5,284	3,099	1.9	635,017	18,009	2,188	6,174	52,878	48,985	24,995	153,229
1975.....	4,524	2,942	2.0	651,211	18,145	2,285	7,327	53,742	46,194	24,381	152,074
1976.....	4,178	2,246	1.4	693,389	16,674	2,312	8,358	56,302	44,584	24,848	153,078
1977.....	3,922	1,828	1.3	665,864	16,437	2,180	10,119	61,251	40,711	24,613	155,311
1978.....	3,795	1,645	1.0	695,991	15,895	2,101	11,969	64,591	36,406	25,086	156,048
1979.....	3,601	1,599	2.2	704,243	15,291	2,001	13,318	71,659	32,789	23,700	158,758
1980 <sup>3</sup> .....	3,454	1,440	1.3	714,307	17,345	1,878	14,747	72,071	32,184	24,296	162,521

<sup>1</sup> Cigars produced in bonded manufacturing warehouses are included. <sup>2</sup> "King size" cigarettes included in this category. <sup>3</sup> Last year of series presented in this format. New series began in 1981. See table below.

**Manufactured**

Year	Cigars		Cigarettes		Chewing tobacco			Smoking tobacco			Snuff	Total chewing, smoking, and snuff
	Large	Small	Large <sup>1</sup>	Small	Plug	Twist	Loose-leaf	Pipe	Granulated	Cigarette cut		
	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1981.....	3,418.0	1,350.3	0.9	727,337.0	17,828	1,820	70,291	26,998	324	3,090	42,457	162,828
1982.....	3,168.8	1,203.5	2.5	694,190.8	15,671	1,748	72,973	25,314	348	2,680	43,750	162,304
1983.....	3,134.8	1,402.9	.8	666,907.9	14,096	1,690	71,028	23,654	378	3,965	46,676	161,487
1984 <sup>2</sup> .....	3,129.8	1,255.6	2.9	668,229.5	12,627	1,653	74,407	20,809	310	3,427	49,403	162,636

**Taxable removals and domestic invoices <sup>3</sup>**

1981.....	3,213.3	1,323.0	.7	633,299.4	17,867	1,861	70,519	26,774	321	2,941	41,974	162,257
1982.....	3,556.1	1,304.2	.8	614,018.6	15,322	1,767	70,886	24,527	346	3,022	43,870	159,740
1983.....	3,459.7	1,334.3	1.0	597,468.3	13,935	1,709	70,923	22,975	362	3,639	45,689	159,232
1984 <sup>2</sup> .....	3,332.8	1,234.1	.7	597,896.6	12,627	1,632	72,974	20,567	328	3,422	47,672	161,222

**Tax-free removals and exports**

1981.....	158.8	11.9	(*)	89,576.5	144	0	50	788	0	3	117	1,102
1982.....	158.2	22.3	(*)	82,117.9	131	0	64	699	0	2	1,008	1,904
1983.....	140.0	16.8	0	69,680.1	132	0	74	610	0	2	951	1,769
1984 <sup>2</sup> .....	120.5	13.9	0	66,499.9	102	0	80	433	0	1	1,176	1,792

<sup>1</sup> Weighing more than three pounds per thousand. <sup>2</sup> Preliminary. <sup>3</sup> Includes cigars and cigarettes imported or brought into the United States and Puerto Rico. <sup>4</sup> Less than 50,000.

Agricultural Marketing Service.

**Table 133.—Tobacco products: Consumption, total and per capita (18 years of age and over) in the United States, 1970–84 <sup>1</sup>**

Year	Cigarettes			Large cigars <sup>2</sup>			Smoking, chewing, and snuff <sup>3</sup>		All tobacco products <sup>3</sup>	
	Total		Per capita	Total		Per capita	Total	Per capita	Total	Per capita
	<i>Billions</i>	<i>Million pounds</i>	<i>Number</i>	<i>Billions</i>	<i>Million pounds <sup>4</sup></i>	<i>Number</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1970 .....	536	1,050	3,985	8.1	135	60	113	0.83	1,301	9.68
1971 .....	550	1,066	4,037	7.9	128	57	112	.82	1,310	9.52
1972 .....	567	1,111	4,043	7.3	117	52	110	.79	1,350	9.65
1973 .....	590	1,126	4,148	7.0	109	49	106	.75	1,362	9.53
1974 .....	599	1,142	4,141	6.4	102	44	109	.75	1,361	9.41
1975 .....	607	1,138	4,123	5.8	93	39	106	.72	1,346	9.14
1976 .....	614	1,102	4,092	5.4	86	36	109	.73	1,291	8.61
1977 .....	617	1,101	4,051	5.0	82	33	107	.70	1,296	8.49
1978 .....	616	1,086	3,967	4.7	78	30	107	.69	1,258	8.10
1979 .....	622	1,145	3,861	4.3	71	27	109	.68	1,330	8.26
1980 .....	632	1,113	3,851	4.0	66	24	111	.68	1,295	7.90
1981 .....	640	1,089	3,840	3.9	64	23	112	.67	1,267	7.60
1982 .....	634	1,094	3,745	3.7	60	22	110	.65	1,268	7.49
1983 .....	600	1,073	3,494	3.6	59	21	108	.63	1,243	7.24
1984 <sup>5</sup> .....	600	1,057	3,454	3.5	57	20	108	.62	1,236	7.11

<sup>1</sup> Includes consumption by overseas forces.<sup>2</sup> Weighing over 3 pounds per 1,000.<sup>3</sup> Unstemmed-processing weight equivalent.<sup>4</sup> Includes weight of small cigars.<sup>5</sup> Preliminary.

Economic Research Service. No adjustment made for quantities lost, destroyed, bartered, etc., under war and postwar conditions, but such adjustments probably would be small in relation to totals.

**Table 134.—Cigarettes and cigars: Total output, domestic consumption, tax-exempt removals, and exports, United States, 1970–84**

Year	Cigarettes				Cigars <sup>3</sup>			
	Total output	Domestic consumption <sup>1</sup>	Tax-exempt removals <sup>2</sup>		Total output <sup>4</sup>	Domestic consumption <sup>1</sup>	Tax-exempt removals <sup>2</sup>	
			Total	Exports			Total	Exports
	<i>Billions</i>	<i>Billions</i>	<i>Billions</i>	<i>Billions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>
1970 .....	583.2	518.2	51.2	29.2	8,379	8,009	152	54
1971 .....	576.4	540.4	49.2	31.8	7,928	7,776	131	46
1972 .....	599.1	554.4	49.0	34.6	7,464	7,225	139	75
1973 .....	644.2	577.3	55.9	41.5	6,959	6,972	143	103
1974 .....	635.0	588.6	59.2	46.9	6,462	6,356	136	86
1975 .....	651.2	596.4	62.3	49.9	5,743	5,804	125	92
1976 .....	693.4	604.7	72.1	61.4	5,403	5,373	144	124
1977 .....	665.9	606.8	78.1	66.8	5,031	4,988	134	117
1978 .....	695.9	605.4	85.1	74.4	4,781	4,702	164	166
1979 .....	704.4	607.8	93.2	79.7	4,443	4,304	179	177
1980 .....	714.1	631.5	94.2	82.0	4,044	4,001	201	200
1981 .....	736.5	640.0	92.0	82.6	3,962	3,893	160	181
1982 .....	694.2	634.0	82.1	73.6	3,669	3,667	158	181
1983 .....	667.0	600.0	69.7	60.7	3,564	3,605	140	130
1984 <sup>5</sup> .....	668.2	600.4	67.1	56.5	3,500	3,491	121	104

<sup>1</sup> As indicated by taxable removals and imports, and estimated inventory changes.<sup>2</sup> In addition to exports, tax-exempt removals include principally shipments to forces overseas, to United States possessions, and ships' stores.<sup>3</sup> Includes cigarillos but excludes small (approximately cigarette-size) cigars.<sup>4</sup> Includes cigars shipped to mainland United States from Puerto Rico.<sup>5</sup> Preliminary.

Economic Research Service. Compiled from annual and monthly reports of the Internal Revenue Service, U.S. Treasury Department, and the Commerce Department.

Table 135.—Tobacco: Price-support loan operations, United States, 1970-84 <sup>1</sup>

Year	Flue-cured, types 11-14			Burley, type 31		
	Support price per pound	Placed under loan		Support price per pound	Placed under loan	
		Quantity	Percentage of production		Quantity	Percentage of production
	<i>Cents</i>	<i>Million pounds</i>	<i>Percent</i>	<i>Cents</i>	<i>Million pounds</i>	<i>Percent</i>
1970.....	66.6	144	12.2	68.6	47	8.5
1971.....	69.4	56	5.2	71.5	( <sup>2</sup> )	.....
1972.....	72.7	24	2.4	74.9	23	3.9
1973.....	76.6	31	2.7	78.9	1	1
1974.....	83.3	25	2.0	85.8	3	.5
1975.....	93.2	259	18.2	96.1	51	7.5
1976.....	106.0	277	21.1	109.3	46	7.1
1977.....	113.8	196	17.4	117.3	56	9.2
1978.....	121.0	64	5.3	124.7	67	10.9
1979.....	129.3	72	7.4	133.3	7	1.4
1980.....	141.5	137	12.6	145.9	( <sup>2</sup> )	.....
1981.....	158.7	106	9.3	163.6	1	1
1982.....	169.9	259	26.0	175.1	269	34.8
1983.....	169.9	195	22.8	175.1	256	<sup>3</sup> 48.7
1984.....	169.9	159	18.4	175.1	201	27.5

<sup>1</sup> Support operations for minor kinds of tobacco not shown. Burley and flue-cured usually account for over 95 percent of tobacco loan placements.

<sup>2</sup> Less than 500,000 pounds.

<sup>3</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

Table 136.—Tobacco, unmanufactured: United States imports for consumption, by country of origin, 1982-84

Classification and country of origin	1982	1983 <sup>1</sup>	1984 <sup>1</sup>	Classification and country of origin	1982	1983 <sup>1</sup>	1984 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Cigarette leaf:				Scrap:			
Brazil.....	3,622	8,841	21,715	Dominican Republic.....	2,340	1,848	2,853
Greece.....	11,422	14,123	13,974	Brazil.....	2,279	1,811	1,987
Yugoslavia.....	4,641	4,703	6,166	Korea, Rep. of.....	38	51	1
Lebanon.....	3,907	1,324	1,096	Turkey.....	4,215	2,311	2,479
Italy.....	4,082	1,480	2,600	Philippines.....	3,863	2,399	2,460
Turkey.....	46,631	51,096	48,375	Other countries.....	13,846	13,119	14,213
Korea, Rep. of.....	34	1,630	4,860	Total.....	26,581	21,539	23,993
Other countries.....	13,099	20,906	40,061				
Total.....	87,438	104,103	138,847	Stems:			
Cigar filler:				Dominican Republic.....	302	335	268
Unstemmed:				Brazil.....	6,895	4,673	4,991
Dominican Republic.....	90	91	2,278	Argentina.....	2,696	1,248	1,696
Nicaragua.....	103	97	50	Other countries.....	7,810	9,016	8,783
Philippines.....	18	247	47	Total.....	17,703	15,272	15,738
Indonesia.....	0	0	0				
Other countries.....	547	649	1,256	N.S.P.F.:			
Stemmed:				Brazil.....	17,506	37,325	444
Honduras.....	123	88	109	Korea, Rep. of.....	7,858	11,315	0
Mexico.....	155	156	150	Mexico.....	2,735	9,390	575
Dominican Republic.....	415	335	1,029	Italy.....	1,583	6,656	0
Other countries.....	122	552	1,022	Argentina.....	660	4,159	0
Total.....	1,573	1,780	5,941	Malawi.....	1,504	4,107	77
Cigar wrapper:				Other countries.....	18,426	22,327	2,081
Honduras.....	177	274	305	Total.....	50,272	95,279	3,177
Nicaragua.....	221	252	286				
Cameroon.....	143	187	133	Grand total <sup>2</sup> .....	184,452	239,178	188,757
Other countries.....	232	195	265				
Total.....	773	908	989				

<sup>1</sup> Preliminary.

<sup>2</sup> Total includes mixed filler and wrapper which is not shown separately.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 137.—Tobacco, Unmanufactured: International Trade, 1981-83

Continent and country	1981		1982 <sup>1</sup>		1983 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North and Central America (incl. Caribbean):						
Canada .....	33,041	2,754	28,802	2,851	23,962	3,632
Costa Rica .....	115	23	100	25	100	25
Cuba .....	15,000		12,000	0	10,000	0
Dominican Republic .....	39,580	1,000	11,780	1,875	13,600	1,868
El Salvador .....	100	400	242	347	283	357
Guatemala .....	4,052	1,045	4,112	1,264	3,248	283
Haiti .....		600		567	0	500
Honduras .....	2,560	210		600	2,000	600
Jamaica .....	318	678	318	517	320	520
Mexico .....	18,000		15,000	0	16,000	0
Nicaragua .....	657	43	570	0	1,000	0
Panama .....	853	227	508	181	408	91
Trinidad-Tobago .....	100	1,000		1,000	0	1,000
United States (incl. Puerto Rico) <sup>2</sup> .....	266,104	234,910	260,700	242,641	239,390	208,596
Total .....	380,480	242,890	336,932	251,868	310,311	217,472
South America:						
Argentina .....	16,938	1,322	26,281	205	29,156	515
Brazil .....	148,000		166,000	0	177,000	0
Bolivia .....		1,000		1,000	0	1,500
Chile .....	100	2,790	1,196	2,440	980	1,010
Colombia .....	10,806	1,200	10,203	1,400	12,060	3,237
Ecuador .....	186	620	270	630	170	766
Guyana .....		310		310	0	310
Paraguay .....	8,994	477	8,656	383	12,573	1,302
Peru .....	200	930	100	900	100	1,500
Surinam .....		200		200	0	200
Uruguay .....		2,618		3,500	0	3,500
Venezuela .....		500	0	29	0	0
Total .....	185,224	11,967	212,706	10,997	232,039	13,840
Europe:						
Belgium-Luxembourg .....	4,369	34,412	3,889	38,326	3,000	38,000
Denmark <sup>3</sup> .....	1,122	15,364	1,901	16,308	1,300	14,100
France <sup>4</sup> .....	2,558	64,546	2,232	28,949	9,570	45,547
Germany, Fed. Rep. of <sup>3 5</sup> .....	29,442	182,366	32,003	146,070	36,000	166,648
Greece .....	86,430	3,665	71,855	5,065	81,852	5,065
Ireland <sup>6</sup> .....	90	7,353	341	8,605	351	5,421
Italy .....	75,810	23,228	96,904	30,677	80,078	34,522
Netherlands .....	3,200	71,000		83,000	15,714	84,926
United Kingdom .....	5,535	130,977	4,156	127,413	3,967	130,172
Total EC .....	208,556	532,911	213,281	484,413	231,792	524,401
Austria .....	523	13,650	511	11,012	350	13,877
Finland .....		12,445		6,224	0	6,044
Malta-Gozo .....	30		30	400	30	400
Norway .....		5,765		5,212	0	5,380
Portugal (incl. Azores) .....		8,022		8,435	0	7,783
Spain .....	2,788	71,082	4,329	66,053	3,057	70,815
Sweden .....	40	10,635	113	9,853	0	10,888
Switzerland .....	4,931	26,721	4,529	22,779	4,968	26,000
Total Western Europe .....	216,868	681,631	222,793	614,381	240,197	665,588
Albania .....	4,000		4,000	0	4,000	0
Bulgaria .....	60,000	3,500	60,000	25,000	50,000	27,500
Czechoslovakia .....		20,000		18,000	0	21,000
Germany, Dem. Rep. of .....	2,000	25,000	2,300	25,000	357	19,906
Hungary .....	1,000	5,000	2,800	6,800	2,000	7,500
Poland .....	4,700	25,544	5,408	11,257	5,497	14,265
Romania .....	9,000	6,000	5,000	6,000	5,000	6,000
Yugoslavia .....	22,000	6,000	25,000	4,500	28,000	7,067
Total Eastern Europe .....	102,700	91,044	104,508	96,557	94,854	103,238
Total Europe .....	319,568	772,675	327,301	710,938	335,051	768,826
Soviet Union .....	2,200	86,000	2,000	124,000	1,500	135,000
Africa:						
Algeria .....		6,500		8,000	0	10,000
Angola .....		150		150	0	150
Burundi-Rwanda .....					0	0

See footnotes at end of table.

Table 137.—Tobacco, unmanufactured: International trade, 1981-83—Continued

Continent and country	1981 <sup>1</sup>		1982 <sup>1</sup>		1983 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Africa—Continued</b>						
Cameroon.....	2,000	1,200	1,760	2,000	1,760	2,000
Congo, Republic of.....		500		1,000	0	1,000
Egypt.....		42,457		42,636	0	49,000
Ghana.....		1,200		1,000	0	1,000
Ivory Coast.....		3,450		3,365	0	3,400
Kenya.....		1,000	175	150	250	130
Liberia.....		305		300	0	300
Libya.....		2,300		2,500	0	2,576
Madagascar.....	500	250	500	250	500	250
Malawi.....	48,000		50,000		60,000	0
Mauritius.....		120			0	0
Morocco.....		8,153		4,077	0	6,593
Mozambique.....	100	700	100	700	100	700
Nigeria.....	1,500	450		350	0	340
Senegal.....		1,000		1,600	0	1,600
Sierra Leone.....	5	607		600	0	600
South Africa.....	5,927	10,205	1,722	6,627	3,460	14,265
Tanzania.....	10,000		10,000		8,000	0
Tunisia.....	1,524	4,633	1,260	4,492	200	7,000
Uganda.....		50		500	0	50
Zaire.....		519		600	0	600
Zambia.....	1,100		1,910	710	2,100	0
Zimbabwe.....	116,552	240	80,028	250	92,883	390
<b>Total.....</b>	<b>187,208</b>	<b>85,989</b>	<b>147,455</b>	<b>81,875</b>	<b>169,253</b>	<b>101,944</b>
<b>Asia:</b>						
Bangladesh.....	800	204	1,200	250	1,197	111
Burma.....					0	0
China.....	10,000	80,000	50,000	30,000	40,000	20,000
Taiwan.....	4,850	11,335	4,330	16,115	3,623	10,099
Cyprus.....	16	2,851	276	3,308	225	4,560
Hong Kong.....	12,892	20,281	8,699	13,951	6,921	12,983
India.....	104,862	100	97,887	100	83,488	100
Indonesia.....	25,066	21,575	17,400	15,100	24,176	13,525
Iran <sup>2</sup> .....		1,000		1,000	0	1,000
Iraq.....		4,000		5,000	0	7,000
Israel.....		4,650		5,750	0	6,110
Japan <sup>2</sup> .....		84,301	204	79,700	1,005	75,500
Jordan.....		2,100		2,500	0	2,000
Kampuchea.....		2,200		2,200	0	0
Korea, Dem. Peo. Rep. of.....	6,000		14,000		14,000	0
Korea, Rep. of.....	37,868	12,621	31,486	4,378	32,643	2,120
Kuwait.....	70	465	70	470	70	470
Laos.....		1,500		1,500	0	1,500
Lebanon.....	1,068		4,000	400	4,000	400
Malaysia.....	2	3,228	6	4,800	1	3,293
Pakistan.....	907	136	1,950	123	900	180
Philippines.....	29,438	15,389	26,250	12,806	20,591	10,856
Singapore.....	100	6,828	100	8,229	100	8,500
Sri Lanka.....	1,933		538		600	0
Syria.....	1,677	4,362	1,374	3,398	1,170	600
Thailand.....	41,000	12,000	37,851	12,820	35,245	4,579
Turkey.....	130,969		104,908		69,328	0
Vietnam.....		4,000			0	0
Yemen (Aden).....	500	3,500	500	3,500	500	3,500
<b>Total.....</b>	<b>410,018</b>	<b>298,626</b>	<b>403,029</b>	<b>227,398</b>	<b>339,783</b>	<b>191,186</b>
<b>Oceania:</b>						
Australia <sup>8</sup> .....	446	11,081	726	11,812	536	9,901
New Zealand <sup>8</sup> .....		3,410		3,529	0	3,600
<b>Total.....</b>	<b>446</b>	<b>14,491</b>	<b>726</b>	<b>15,341</b>	<b>536</b>	<b>13,501</b>
<b>World total.....</b>	<b>1,485,144</b>	<b>1,512,638</b>	<b>1,430,149</b>	<b>1,422,399</b>	<b>1,388,477</b>	<b>1,441,769</b>

<sup>1</sup> Preliminary. <sup>2</sup> Exports include re-exports of Foreign grown tobacco. General imports, including the category "Tobacco Manufactured or Not Manufactured, Not Specifically Provided For". <sup>3</sup> Imports are actual arrivals. <sup>4</sup> Actual arrivals. <sup>5</sup> Exports are actual shipments. <sup>6</sup> Purchases by manufacturers. <sup>7</sup> Fiscal Year (April-March). <sup>8</sup> Fiscal Year (July-June).

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 138.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1982-84

Type and country of destination	1982	1983	1984 <sup>1</sup>	Type and country of destination	1982	1983	1984 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Total unmanufactured:</b>				<b>Flue-cured—Cont.</b>			
Canada.....	1,963	2,349	2,384	Singapore.....	706	405	461
Panama.....	165	179	122	Thailand.....	8,593	3,018	4,455
Jamaica.....	325	233	161	Australia.....	3,314	3,531	3,154
Dominican Republic.....	1,875	1,076	1,175	New Zealand.....	1,337	826	898
Chile.....	2,046	24	24	Other countries.....	12,833	12,953	8,850
Ecuador.....	784	196	162	<b>Total.....</b>	<b>158,036</b>	<b>140,885</b>	<b>158,666</b>
Belgium and Luxembourg.....	6,914	4,348	4,232	<b>Burley:</b>			
France.....	2,401	3,289	2,316	Chile.....	575	1	0
Germany, Fed. Rep. of.....	30,913	26,308	29,929	Belgium and Luxembourg.....			
Italy.....	12,734	14,604	14,175	bourg.....	1,462	1,034	1,266
Netherlands.....	11,395	12,843	10,136	France.....	427	271	360
Austria.....	1,356	1,181	1,071	Germany, Fed. Rep. of.....	9,000	5,555	5,696
Denmark.....	7,623	9,160	8,985	Italy.....	5,443	6,596	5,337
Finland.....	2,706	2,945	2,562	Netherlands.....	295	564	574
Ireland.....	2,124	1,444	3,599	Austria.....	98	50	66
Norway.....	1,644	2,581	2,152	Denmark.....	851	1,342	1,094
Portugal.....	143	699	92	Finland.....	254	464	297
Spain.....	14,437	18,242	23,814	Norway.....	104	188	153
Sweden.....	3,934	5,619	5,222	Portugal.....	0	0	0
Switzerland.....	12,129	8,281	11,447	.....	892	1,535	916
United Kingdom.....	13,903	12,601	14,429	Switzerland.....	4,626	3,227	1,526
Libya.....	1,075	0	0	Syria.....	300	600	0
Egypt.....	9,959	9,817	16,921	Hong Kong.....	539	329	963
Canary Islands.....	4,642	5,598	0	Japan.....	7,860	11,954	4,953
Cameroon.....	898	867	618	Philippines.....	3,112	2,609	1,627
Ghana.....	37	8	205	Thailand.....	3,966	1,116	2,147
Nigeria.....	362	466	555	Other countries.....	7,210	3,766	6,405
Zaire.....	8	0	0	<b>Total.....</b>	<b>47,014</b>	<b>41,201</b>	<b>33,380</b>
Israel.....	517	638	891	<b>Dark-fired Kentucky-Tennessee:</b>			
Taiwan.....	9,652	9,048	11,395	Belgium and Luxembourg.....			
Hong Kong.....	2,000	1,705	3,915	bourg.....	399	156	126
Korea, Rep. of.....	485	0	1	France.....	380	600	456
Japan.....	50,041	51,791	41,784	Germany, Fed. Rep. of.....	171	115	0
Malaysia.....	4,412	3,342	4,180	Italy.....	41	132	164
Philippines.....	6,885	5,000	2,579	Netherlands.....	4,950	6,639	4,481
Singapore.....	1,215	647	608	Denmark.....	57	166	87
Thailand.....	12,559	4,138	6,603	Ireland.....	1	2	49
Syria.....	345	600	0	Norway.....	34	3	23
Australia.....	4,572	4,407	3,722	Canary Islands.....	124	18	0
New Zealand.....	1,849	1,200	1,307	Sweden.....	333	338	278
Other countries.....	16,460	10,414	12,683	Switzerland.....	145	217	60
<b>Total.....</b>	<b>259,487</b>	<b>237,888</b>	<b>246,156</b>	United Kingdom.....	4	12	25
<b>Flue-cured:</b>				Morocco.....	0	0	0
Panama.....	83	104	84	Tunisia.....	40	0	0
Jamaica.....	215	56	67	Cameroon.....	179	0	0
Chile.....	1,092	1	0	Zaire.....	8	0	0
Ecuador.....	601	93	53	Other countries.....	1,651	473	684
Belgium and Luxembourg.....	4,241	2,538	2,179	<b>Total.....</b>	<b>8,517</b>	<b>8,871</b>	<b>6,433</b>
France.....	823	480	868	<b>Black Fat:</b>			
Germany, Fed. Rep. of.....	16,591	14,842	18,774	Cameroon.....	0	23	0
Italy.....	6,674	7,875	7,919	Benin.....	629	533	389
Netherlands.....	5,313	4,902	4,292	Nigeria.....	54	31	351
Austria.....	976	997	909	Togo.....	60	0	92
Denmark.....	4,101	5,024	3,770	Other countries.....	257	297	290
Finland.....	2,080	2,054	1,938	<b>Total.....</b>	<b>1,000</b>	<b>884</b>	<b>1,122</b>
Ireland.....	1,483	1,010	3,038	<b>Dark-fired Virginia and sun-cured:</b>			
Norway.....	963	2,057	1,103	Germany, Fed. Rep. of.....	166	100	112
Portugal.....	89	30	59	Egypt.....	0	0	0
Spain.....	12,320	14,773	18,634	Austria.....	199	31	3
Sweden.....	1,782	2,632	2,623	Yugoslavia.....	0	0	0
Switzerland.....	4,665	1,966	6,001	Norway.....	506	176	633
United Kingdom.....	10,311	10,130	11,383	Sweden.....	170	136	135
Libya.....	900	0	0	Switzerland.....	3	0	0
Egypt.....	6,603	5,581	9,476	United Kingdom.....	59	0	78
Syria.....	45	0	0	Czechoslovakia.....	0	0	0
Taiwan.....	8,847	7,921	10,399	Other countries.....	142	80	131
Hong Kong.....	1,097	1,281	2,176	<b>Total.....</b>	<b>1,245</b>	<b>523</b>	<b>1,092</b>
Indonesia.....	1,490	404	359				
Japan.....	29,951	29,174	30,877				
Malaysia.....	4,277	1,975	2,995				
Pakistan.....	282	202	212				
Philippines.....	3,358	2,050	660				

See footnotes at end of table.

Table 138.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1982-84—Continued

Type and country of destination	1982	1983	1984 <sup>1</sup>	Type and country of destination	1982	1983	1984 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Maryland:				Cigar filler:			
Belgium and Luxembourg				France	17	24	0
bourg	171	185	83	Germany, Fed. Rep. of	0	0	0
Germany, Fed. Rep. of	174	810	480	Other countries	89	117	119
Netherlands	114	36	12	Total	106	141	119
Norway	11	14	11				
Egypt	89	367	78	Perique:			
Spain	0	0	0	Canada	0	0	0
Switzerland	2,238	1,629	579	Germany, Fed. Rep. of	3	2	2
Other countries	230	629	420	France	0	0	12
Total	3,027	3,670	1,663	United Kingdom	2	0	4
				Australia	9	1	7
One sucker:				Other countries	43	188	25
Belgium and Luxembourg				Total	57	191	50
bourg	0	0	0				
Zaire	0	0	0	Trimming, stems, and			
Other countries	79	43	13	scrap:			
Total	79	43	13	Canada	354	0	1,551
				Italy	567	0	553
Green River:				Jamaica	38	143	16
Belgium and Luxembourg				Guyana	0	0	0
bourg	10	0	0	Peru	0	0	0
United Kingdom	11	10	3	Surinam	29	65	38
Zaire	0	0	0	Belgium and Luxembourg			
Other countries	1	3	190	bourg	455	400	333
Total	22	13	193	France	470	820	429
				Germany, Fed. Rep. of	4,500	4,620	4,416
Cigar wrapper:				Netherlands	522	462	525
Canada	32	9	1	Austria	15	93	93
Jamaica	12	2	13	Denmark	2,575	2,623	3,988
Dominican Republic	294	166	610	Finland	330	426	311
Belgium and Luxembourg				Ireland	640	351	511
bourg	0	22	0	Norway	23	136	228
Germany, Fed. Rep. of	5	5	40	Sweden	758	978	1,270
Netherlands	111	173	175	Switzerland	406	710	2,630
Canary Islands	0	5	0	United Kingdom	2,701	2,388	2,788
Nigeria	0	0	26	Libya	175	0	0
United Kingdom	0	0	0	Ghana	0	7	0
France	0	6	0	Poland	0	0	0
New Zealand	0	2	0	Hong Kong	364	95	709
Other countries	25	4	15	Japan	12,230	10,659	5,953
Total	479	394	880	Malaysia	108	346	499
				Egypt	2,158	2,245	3,836
Cigar binder:				Singapore	508	229	148
Canada	24	26	67	Australia	833	559	393
Honduras	0	8	7	New Zealand	430	320	360
Dominican Republic	0	26	1	Other countries	4,232	5,516	5,522
Spain	10	0	5	Total	35,421	34,361	37,100
Other countries	3	21	11				
Total	37	81	91				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



## CHAPTER III

# STATISTICS OF OILSEEDS, FATS, AND OILS

This chapter includes information on cottonseed, flaxseed, olive oil, peanuts, soybeans, margarine, and fats and oils. Most butter statistics are included in the chapter on dairy and poultry statistics. Lard data are mostly in the chapter on livestock.

**Table 139.—Cottonseed: Cotton area and cottonseed production, farm disposition, season average price per ton received by farmers, and value, United States, 1970-84**

Year	Harvested area of cotton	Cottonseed				
		Production	Total sales to oil mills	Other <sup>1</sup>	Price	Value of production
	1,000 acres	1,000 tons	1,000 tons	1,000 tons	Dollars	1,000 dollars
1970 .....	11,155.0	4,068	3,832	236	56.40	229,607
1971 .....	11,470.9	4,240	4,007	233	56.80	240,930
1972 .....	12,983.8	5,393	5,153	240	49.50	267,136
1973 .....	11,970.2	5,016	4,720.7	295.3	100.00	501,191
1974 .....	12,546.6	4,509.9	4,290.6	219.3	136.00	611,217
1975 .....	8,796.0	3,218.0	2,863.6	354.4	97.00	312,264
1976 .....	10,913.5	4,122.0	3,768.1	353.9	103.00	425,411
1977 .....	13,275.3	5,521.4	4,832.1	689.3	70.30	388,035
1978 .....	12,400.0	4,269.2	3,878.0	391.2	114.00	485,609
1979 .....	12,830.9	5,778.3	4,779.2	999.1	121.00	697,617
1980 .....	13,214.8	4,470.5	3,957.2	513.3	129.00	574,511
1981 .....	13,841.2	6,396.9	5,101.5	1,295.4	86.00	549,041
1982 .....	9,733.9	4,743.9	3,581.1	1,162.8	77.00	366,240
1983 .....	7,347.5	3,075.7	2,460.5	615.2	166.00	511,450
1984 <sup>2</sup> .....	10,379.1	5,148.9	4,291.4	857.5	99.50	512,926

<sup>1</sup> Includes planting seed, exports, inter-farm sales, shrinkage, losses, and other uses. <sup>2</sup> Preliminary. Statistical Reporting Service.

**Table 140.—Cottonseed: Production, farm disposition, and season average price per ton received by farmers, by States, 1982-84**

State	Production			Total sales to oil mills			Other <sup>2</sup>			Price for crop of—		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars
Ala.....	160	67	158	129	60	124	31	7	34	67.00	161.00	94.00
Ariz.....	495	302.4	464.5	262	201.3	311.1	233	101.1	153.4	80.00	171.00	101.00
Ark.....	200	120	217	177	90	210	23	30	7	64.50	158.00	81.00
Calif.....	1,261	789	1,211	932	600	854	329	189	357	90.50	169.00	119.00
Fla.....	7.4	5.8	10.7	6.7	5.3	10.1	.7	4.5	4.6	60.00	140.00	75.00
Ga.....	85	41	101	54	35	93	31	6	8	66.50	189.00	93.00
Kans.....	( <sup>3</sup> )	.1	.1	( <sup>3</sup> )	.1	.1	( <sup>3</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	.....	181.00	103.00
La.....	327	196	382	276	180	344	51	16	38	63.50	172.00	82.00
Miss.....	650	335	620	593	300	587	57	35	33	64.00	165.00	81.00
Mo.....	78	29	72	68	24	67	10	5	5	62.00	162.00	86.50
Nev.....	.4	0	0	.3	0	0	.1	0	0	90.00	.....	.....
N. Mex.....	39	34.3	40	19	31.7	32	20	2.6	8	82.00	168.00	102.00
N.C.....	34	16	40	29	15	39	5	1	1	58.00	163.00	93.00
Okl.....	95	58	75	78	50	69	17	8	6	71.00	181.00	103.00
S.C.....	58	20	61	52	18	43	6	2	18	63.00	176.00	97.50
Tenn.....	132	60	133	113	50	124	19	10	9	69.00	161.00	91.00
Tex.....	1,122	1,002	1,563	792	800	1,383.5	330	202	179.5	81.00	162.00	101.00
Va.....	.1	.1	.6	.1	.1	.6	0	( <sup>4</sup> )	( <sup>4</sup> )	55.50	163.00	93.00
U.S.....	4,743.9	3,075.7	5,148.9	3,581.1	2,460.5	4,291.4	1,162.8	615.2	857.5	77.00	166.00	99.50

<sup>1</sup> Preliminary. <sup>2</sup> Includes planting seed, exports, inter-farm sales, shrinkage, losses, and other uses. <sup>3</sup> Less than 50 tons. <sup>4</sup> Kansas, Florida, and Virginia combined. Statistical Reporting Service.

**Table 141.—Cottonseed: Crushings, output of products and product prices, United States, 1970-83**

Year beginning August	Quanti- ty crushed	Cottonseed products and prices				Year beginning August	Quanti- ty crushed	Cottonseed products and prices			
		Crude oil		Cake and meal				Crude oil		Cake and meal	
		Quan- tity	Price <sup>1</sup>	Quan- tity	Price <sup>2</sup>			Quan- tity	Price <sup>1</sup>	Quan- tity	Price <sup>2</sup>
	1,000 tons	Mil- lion pounds	Cents per pound	1,000 tons	Dollars per ton		1,000 tons	Mil- lion pounds	Cents per pound	1,000 tons	Dollars per ton
1970.....	3,728	1,211	14.71	1,729	72.46	1977.....	4,313	1,453	25.4	2,083	139.70
1971.....	3,960	1,275	13.23	1,794	73.02	1978.....	4,127	1,282	31.6	1,885	164.80
1972.....	4,880	1,535	13.72	2,224	144.76	1979.....	4,230	1,423	25.3	2,049	164.13
1973.....	4,792	1,551	30.71	2,176	137.97	1980.....	4,076	1,191	25.9	1,790	197.06
1974.....	4,226	1,347	33.87	1,885	120.58	1981.....	4,575	1,551	20.1	2,190	156.15
1975.....	2,952	918	23.5	1,238	145.00	1982.....	3,800	1,134	21.8	1,588	176.65
1976.....	3,499	1,198	24.8	1,643	173.65	1983.....	2,579	777	32.8	1,134	190.22

<sup>1</sup> Tanks, f.o.b. Valley Points.      <sup>2</sup> 41 percent protein, solvent, Memphis.

Economic Research Service. Compiled from annual reports of the U.S. Department of Commerce.

**Table 142.—Cottonseed: Quality of cottonseed and number of samples graded, United States, 1970-83<sup>1</sup>**

Year beginning August	Cottonseed quality analysis <sup>2</sup>						Quantity <sup>3</sup>	Quality <sup>4</sup>	Average grade <sup>5</sup>	Samples graded <sup>6</sup>
	Oil	Ammonia	Linters	Moisture	Free fatty acids	Foreign matter				
	Percent	Percent	Percent	Percent	Percent	Percent	Index	Index		Number
1970.....	17.8	3.92	11.3	10.8	1.6	1.3	100.52	97.1	98.0	60,118
1971.....	17.7	3.84	11.0	11.1	1.5	1.5	99.29	96.2	95.5	57,960
1972 <sup>7</sup> .....	17.3	3.92	.....	11.9	1.6	1.6	97.67	95.7	94.0	71,210
1973.....	18.0	3.94	.....	11.0	1.3	1.4	100.81	96.7	98.0	62,504
1974.....	17.7	3.82	.....	11.0	1.6	1.6	98.42	96.5	95.5	61,114
1975.....	18.0	3.75	.....	10.6	1.4	1.6	99.50	97.0	96.5	44,250
1976.....	17.7	3.88	.....	10.6	.7	1.8	98.93	98.4	97.5	52,048
1977.....	17.5	3.99	.....	10.8	1.8	1.4	98.85	95.6	94.5	61,466
1978.....	17.4	4.08	.....	10.5	.9	1.5	98.97	98.5	98.0	50,418
1979.....	17.6	3.92	.....	10.3	1.0	1.7	98.92	97.7	97.0	56,792
1980.....	16.9	4.08	.....	10.4	.9	1.7	97.17	98.0	95.5	38,224
1981.....	17.2	3.97	.....	10.1	.8	2.0	97.69	98.1	96.0	50,636
1982.....	17.5	3.89	.....	10.9	1.1	1.4	98.22	98.0	96.5	33,612
1983.....	17.0	4.02	.....	11.0	0.7	1.6	97.12	98.4	96.0	24,549

<sup>1</sup> U.S. averages not fully representative of entire crop because of relatively small volume of seed graded in some areas.      <sup>2</sup> These basic factors are combined to form indexes of quantity and quality which in turn are used to determine the official grade of cottonseed in accordance with the United States Official Standards for Grades.<sup>3</sup> The quantity index measures the oil and cake or meal in the cottonseed, taking into account variations in the quantity of oil, ammonia, and linters.      <sup>4</sup> The quality index measures the deterioration in oil and meal and takes into account the excesses of moisture and foreign matter and free fatty acids.      <sup>5</sup> The average grade is the product of the quantity index times the quality index. The base grade is 100.0.      <sup>6</sup> Samples graded by licensed chemists under the supervision of the U.S. Department of Agriculture.      <sup>7</sup> The linters factor was eliminated from official grade standards effective Sept. 4, 1972.

Agricultural Marketing Service.

**Table 143.—Cottonseed oil and cottonseed cake and meal: United States exports by country of destination 1981/82–1983/84 (Marketing year October–September)**

Continent and country of destination	Cottonseed oil <sup>1</sup>			Cottonseed cake and meal		
	1981/82	1982/83	1983/84 <sup>2</sup>	1981/82	1982/83	1983/84 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North and Central America; incl. Caribbean:						
Canada.....	4,340	4,340	3,485	605	666	803
Costa Rica.....	3,110	500	0	0	0	0
Dominican Republic.....	27,287	6,637	4,500	0	60	0
El Salvador.....	14,406	14,127	5,335	0	0	0
Guatemala.....	9,897	15,342	1,064	0	0	0
Mexico.....	55	7,295	223	25,945	88	61
Netherlands Antilles.....	0	4	0	0	0	0
Panama.....	0	64	0	0	0	0
Other countries.....	13,091	8,956	1,382	0	0	0
Total <sup>3</sup> .....	72,186	57,277	15,989	26,550	814	864
South America:						
Colombia.....	2	502	2	0	0	25
Ecuador.....	0	0	9	0	0	0
Peru.....	7	3	1	0	0	0
Venezuela.....	91,186	73,786	55,360	0	0	0
Other countries.....	18	4	0	0	0	0
Total <sup>3</sup> .....	91,213	74,295	55,372	0	0	25
Europe:						
Austria.....	0	0	1	0	0	0
Belgium and Luxembourg.....	0	1	1	0	0	0
Denmark.....	4	24	33	20,793	0	0
France.....	88	3	3	60	0	0
Germany, Fed. Rep. of.....	2,335	3,268	7,934	2,558	288	0
Ireland.....	3	0	3	23,249	0	0
Netherlands.....	10,245	5,087	2,115	20,512	142	0
Switzerland.....	0	6	1	10	5	0
United Kingdom.....	3,515	1,502	3,006	3,145	0	0
Other countries.....	0	0	0	0	0	0
Total <sup>3</sup> .....	16,190	9,891	13,097	70,327	435	0
Africa:						
Egypt.....	156,241	66,324	31,205	0	0	0
Other countries.....	712	1,223	1,756	0	0	0
Total <sup>3</sup> .....	156,953	67,547	32,961	0	0	0
Asia:						
Hong Kong.....	66	4	33	0	0	0
Israel.....	1,000	0	0	0	0	0
Japan.....	41,232	34,631	16,718	22	0	0
Korea, Rep. of.....	2,986	2,517	2,865	22	0	0
Pakistan.....	996	0	0	0	0	0
Philippines.....	0	6	0	0	0	34
Saudi Arabia.....	17	0	0	0	0	0
Other countries.....	1,326	1,029	6	17	0	0
Total <sup>3</sup> .....	47,623	38,187	19,622	61	0	34
Oceania.....	260	273	317	0	0	0
Grand total <sup>3</sup> .....	384,427	247,468	137,357	96,938	1,249	924

<sup>1</sup> Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Bureau of the Census. <sup>2</sup> Preliminary. <sup>3</sup> May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 144.—Cottonseed: Area, yield, and production in specified countries, 1982/83–1984/85 <sup>1</sup>**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>
	<i>1,000 hect- ares</i>	<i>1,000 hect- ares</i>	<i>1,000 hect- ares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
<b>North America:</b>									
Mexico.....	204	245	320	1.53	1.54	1.44	313	377	460
United States.....	3,939	2,973	4,200	1.09	.87	1.11	4,304	2,790	4,671
Total.....	4,143	3,218	4,520				4,617	3,167	5,131
<b>South America:</b>									
Argentina.....	360	510	475	.61	.65	.62	220	333	296
Bolivia.....	8	7	10	.75	1.00	1.00	6	7	10
Brazil.....	3,113	1,960	2,240	.57	.50	.68	1,198	986	1,515
Colombia.....	56	146	219	1.08	1.04	.99	61	152	217
Ecuador.....	23	5	8	.52	.80	1.25	12	4	10
Paraguay.....	240	270	400	.59	.67	.60	141	180	240
Peru.....	83	95	140	.72	1.15	1.00	60	110	140
Venezuela.....	23	27	48	.83	.93	.88	19	25	42
Total.....	2,906	3,020	3,540				1,717	1,797	2,470
<b>Central America:</b>									
Guatemala.....	51	57	57	1.49	1.67	1.65	76	95	94
Total <sup>4</sup> .....	197	218	218				269	325	325
<b>Caribbean:</b>									
Cuba.....	4	4	4	.50	.50	.50	2	2	2
Dominican Rep.....	3	4	4	1.00	.75	.75	3	3	3
Haiti.....	13	13	13	.31	.31	.31	4	4	4
Total.....	20	21	21				9	9	9
<b>European Community:</b>									
Greece.....	113	150	182	1.24	1.27	1.14	140	190	207
Italy.....	3	3	3	.33	.33	.33	1	1	1
Total.....	116	153	185				141	191	208
<b>Other West Europe: Spain.....</b>	49	38	60	2.10	2.08	1.72	103	79	103
<b>East Europe:</b>									
Albania.....	28	28	28	.54	.54	.54	15	15	15
Bulgaria.....	13	13	13	.69	.62	.69	9	8	9
Yugoslavia.....	2	4	3	.50	.25	1.33	1	1	4
Total.....	43	45	44				25	24	28
<b>Other Africa:</b>									
Nigeria.....	205	195	220	.18	.13	.17	38	27	37
Zimbabwe.....	138	191	190	.77	.69	.84	106	131	160
South Africa.....	105	98	110	.50	.74	.95	53	73	105
Somalia.....	12	12	12	.25	.25	.25	3	3	3
Zambia.....	20	15	15	.70	1.20	1.20	14	18	18
Total <sup>4</sup> .....	2,886	3,151	3,118				1,303	1,496	1,514
<b>North Africa:</b>									
Egypt.....	447	425	415	1.72	1.60	1.60	769	680	664
Morocco.....	10	11	11	1.20	1.18	1.18	12	13	13
Total.....	457	436	426				781	693	677
<b>Middle East:</b>									
Iran.....	200	184	184	.55	.65	.65	110	110	110
Israel.....	56	57	57	2.73	3.28	3.33	153	187	190
Iraq.....	65	65	65	.45	.45	.45	29	29	29
Turkey.....	595	614	750	1.31	1.36	1.24	782	835	927
Total <sup>4</sup> .....	1,116	1,137	1,271				1,367	1,509	1,543

See footnotes at end of table.



**Table 144.—Cottonseed: Area, yield, and production in specified countries, 1982/83–1984/85 <sup>1</sup>—Continued**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>
	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Asia:									
Bangladesh .....	20	27	30	0.35	0.19	0.10	7	5	3
Burma .....	217	231	230	.32	.34	.34	69	78	78
China .....	5,828	6,077	6,800	1.24	1.53	1.79	7,196	9,275	12,150
Indonesia .....	20	34	21	.20	.35	.33	4	12	7
India .....	7,871	7,765	7,900	.34	.35	.35	2,700	2,692	2,758
Korea, North .....	7	7	7	.29	.29	.29	2	2	2
Korea, Republic .....	4	3	3	.75	1.00	.67	3	3	2
Pakistan .....	2,263	2,221	2,336	.73	.46	.83	1,648	1,021	1,940
Philippines .....	12	11	13	.67	.64	.62	8	7	8
Thailand .....	114	110	112	.70	.68	.71	80	75	80
Total <sup>4</sup> .....	16,418	16,538	17,514				11,763	13,216	17,074
Soviet Union .....	3,188	3,192	3,347	1.60	1.54	1.40	5,094	4,900	4,685
Oceania: Australia .....	96	137	194	1.71	1.68	1.85	164	230	359
World total <sup>4</sup> .....	31,635	31,304	34,458				27,353	27,636	34,126

<sup>1</sup> Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

<sup>4</sup> Includes other countries not listed separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 145.—Flaxseed: Area, yield, production, disposition, and value, United States, 1970–84**

Year	Area planted	Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers <sup>1</sup>	Value of production <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970 .....	2,950	2,836	10.4	29,416	839	28,577	2.40	70,506
1971 .....	1,627	1,545	11.8	18,198	604	17,594	2.38	43,228
1972 .....	1,189	1,149	12.1	13,883	768	13,115	3.10	43,019
1973 .....	1,749	1,700	9.7	16,408	828	15,580	7.56	124,117
1974 .....	1,742	1,659	8.5	14,083	759	13,324	9.67	136,196
1975 .....	1,621	1,511	10.3	15,553	532	15,021	6.57	102,132
1976 .....	1,045	955	7.9	7,580	633	6,947	7.08	53,754
1977 .....	1,330	1,239	11.5	14,280	639	13,641	4.54	64,865
1978 .....	710	687	12.5	8,614	476	8,138	5.74	49,435
1979 .....	922	878	13.7	12,014	551	11,463	5.97	71,627
1980 .....	759	663	11.7	7,728	( <sup>2</sup> )	( <sup>2</sup> )	7.20	55,615
1981 .....	605	577	12.6	7,289	( <sup>2</sup> )	( <sup>2</sup> )	6.72	49,008
1982 .....	780	735	14.0	10,278	( <sup>2</sup> )	( <sup>2</sup> )	5.19	53,341
1983 .....	605	580	11.9	6,903	( <sup>2</sup> )	( <sup>2</sup> )	6.80	46,925
1984 <sup>3</sup> .....	555	538	13.1	7,022	( <sup>2</sup> )	( <sup>2</sup> )	6.05	42,506

<sup>1</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>2</sup> Series discontinued.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 146.—Flaxseed: Supply and disappearance, United States, 1970–83

Year beginning June	Supply				Disappearance			
	Stocks June 1	Production	Imports	Total	Total used for seed	Exports	Crushings <sup>1</sup>	Total domestic disappearance <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1970 .....	23,040	29,416	1	52,457	1,262	3,220	18,155	23,559
1971 .....	28,898	18,198	74	47,170	933	910	21,022	23,967
1972 .....	23,203	13,883	3	37,089	1,398	9,881	19,932	31,604
1973 .....	5,485	16,408	399	22,292	1,360	630	17,203	18,240
1974 .....	4,052	14,083	130	18,265	1,231	372	13,386	15,234
1975 .....	3,031	15,553	148	18,732	1,054	953	11,791	12,889
1976 .....	4,890	7,580	2,168	14,638	1,043	196	10,677	11,481
1977 .....	2,961	14,280	859	18,100	557	1,001	11,615	11,784
1978 .....	5,315	8,614	1,557	15,486	724	91	13,009	12,811
1979 .....	2,584	12,014	1,916	16,514	650	174	12,425	11,322
1980 .....	5,018	7,728	2,510	15,256	547	76	11,927	12,447
1981 .....	2,733	7,789	3,502	13,524	691	11	11,231	11,563
1982 .....	1,950	10,278	1,921	14,149	486	638	8,722	10,299
1983 <sup>3</sup> .....	3,212	6,903	4,756	14,871	438	52	12,733	13,103

<sup>1</sup> From domestic and imported seed.<sup>2</sup> Total supply minus exports and stocks June 1 of following year.<sup>3</sup> Preliminary.

Economic Research Service.

Table 147.—Flaxseed: Area, yield, and production, by States, 1982–84

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els
Minn.....	120	85	50	110	75	45	15.0	12.5	14.5	1,650	938	653
N. Dak .....	460	410	400	435	400	390	13.5	11.5	12.5	5,873	4,600	4,875
S. Dak .....	200	110	105	190	105	103	14.5	13.0	14.5	2,755	1,365	1,494
U.S.....	780	605	555	735	580	538	14.0	11.9	13.1	10,278	6,903	7,022

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 148.—Flaxseed:<sup>1</sup> Area, yield, and production in specified countries and the world, 1982/83–1984/85**

Continent and country	Harvested area			Yield per hectare			Production		
	1982/83	1983/84	1984/85 <sup>2</sup>	1982/83	1983/84	1984/85 <sup>2</sup>	1982/83	1983/84	1984/85 <sup>2</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	627	431	704	1.199	1.037	0.986	752	447	694
United States.....	297	235	218	.879	.745	.817	261	175	178
Mexico.....	1	4	3	1.000	1.000	1.000	1	4	3
Total.....	925	670	925				1,014	626	875
South America:									
Argentina.....	864	770	650	.885	.913	.769	765	703	500
Uruguay <sup>3</sup> .....	10	18	20	.600	.611	.600	6	11	12
Total.....	874	788	669				771	714	512
Europe:									
Belgium-Luxembourg <sup>4</sup> .....	9	9	9	.778	.778	.778	7	7	7
France <sup>5</sup> .....	38	40	45	.816	.725	.778	31	29	35
Italy <sup>4</sup> .....	1	1	1	1.000	1.000	1.000	1	1	1
Netherlands <sup>4</sup> .....	4	4	4	1.000	1.000	1.000	4	4	4
Total Western Europe.....	52	54	59				43	41	47
Czechoslovakia <sup>4</sup> .....	30	15	25	.500	1.000	.600	15	15	15
Hungary.....	9	9	9	1.222	1.222	1.333	11	11	12
Poland <sup>4</sup> .....	50	47	50	.400	.532	.400	20	25	20
Romania.....	80	75	80	.538	.307	.525	43	23	42
Total Eastern Europe.....	169	146	164				89	74	89
Total Europe.....	221	200	223				132	115	136
Soviet Union <sup>4</sup> .....	1,126	1,173	1,159	.133	.221	.151	150	259	175
Africa:									
Egypt <sup>4</sup> .....	32	13	15	1.189	1.231	1.133	38	16	17
Total.....	32	13	15				38	16	17
Asia and Middle East:									
Iran.....	3	3	3	1.000	1.000	1.000	3	3	3
Turkey (Europe and Asia) <sup>4</sup> .....	5	5	5	.400	.400	.400	2	2	2
India <sup>4</sup> .....	1,404	1,466	1,500	.267	.300	.320	375	440	480
Pakistan <sup>6</sup> .....	10	10	10	.600	.600	.600	6	6	6
Bangladesh.....	15	15	15	.533	.533	.533	8	8	8
Total.....	1,437	1,499	1,533				394	459	499
Oceania:									
Australia <sup>6</sup> .....	5	5	6	.600	.800	.833	3	4	5
Total.....	5	5	6				3	4	5
World total.....	4,620	4,348	4,531				2,502	2,193	2,219

<sup>1</sup> Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere countries in 1982 was combined with the Southern Hemisphere harvest which began late in 1982 and ended early in 1983. Estimates do not include China where annual production probably varies from 25,000 to 50,000 tons. <sup>2</sup> Preliminary. <sup>3</sup> Seeded area. <sup>4</sup> Includes fiber flax area and seed production. <sup>5</sup> Area includes that harvested for seed and that portion of fiber area which is harvested for seed as well as fiber. Production includes seed from fiber flax. <sup>6</sup> Flaxseed from area grown for seed only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 149.—Flaxseed: Season average price and value of production, by States, crop of 1982, 1983, and 1984**

State	Season average price per bushel			Value of production		
	1982 <sup>1</sup>	1983 <sup>1</sup>	1984 <sup>1 2</sup>	1982 <sup>1</sup>	1983 <sup>1</sup>	1984 <sup>1 2</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Minn.....	5.20	6.68	6.00	8,580	6,266	3,918
N. Dak.....	5.14	6.83	6.00	30,187	31,418	29,250
S. Dak.....	5.29	6.77	6.25	14,574	9,241	9,338
U.S. ....	5.19	6.80	6.05	53,341	46,925	42,506

<sup>1</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States. <sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 150.—Flaxseed: Price-support operations, United States, 1970-85**

Year beginning July	Support price		Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC June 30
	Per bushel	Percentage of parity <sup>1</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1970.....	2.50	58	13,911	47.1	13,366	26,726
1971.....	2.50	56	6,867	37.7	3,852	18,717
1972.....	2.50	56	673	4.8	157	140
1973.....	2.50	51	137	.9		
1974.....	2.50	41	63	.5		
1975.....	(*)					
1976.....	(*)					
1977.....	(*)					
1978.....	4.50	48				
1979.....	4.50	43				
1980.....	4.50	39				
1981.....	(*)					
1982.....	(*)					
1983.....	(*)					
1984.....	(*)					
1985.....	(*)					

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>2</sup> Includes loans made, purchase agreements entered into, and direct purchases.

<sup>3</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

<sup>4</sup> Price support not authorized for 1975, 1976, 1977, 1981, 1982, 1983, 1984, and 1985

Agricultural Stabilization and Conservation Service.

**Table 151.—Flaxseed and linseed oil and meal: Average price Minneapolis 1970-83**

Year <sup>1</sup>	Flaxseed, per bushel: No. 1, Minneapolis	Minneapolis		Year <sup>1</sup>	Flaxseed, per bushel: No. 1, Minneapolis	Minneapolis	
		Oil, per pound <sup>2</sup>	Meal, per ton <sup>3</sup>			Oil, per pound <sup>2</sup>	Meal, per ton <sup>3</sup>
	<i>Dollars</i>	<i>Cents</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Cents</i>	<i>Dollars</i>
1970.....	2.68	9.9	62.45	1977.....	4.96	25.1	137.91
1971.....	2.68	8.8	66.56	1978.....	6.27	24.2	143.16
1972.....	3.68	9.7	120.19	1979.....	6.52	30.1	155.79
1973.....	8.74	27.7	155.73	1980.....	7.83	30.0	162.80
1974.....	9.20	45.6	122.30	1981.....	7.48	30.0	151.02
1975.....	6.72	32.3	126.25	1982.....	5.77	28.0	143.40
1976.....	7.67	28.2	163.24	1983.....	7.06	30.1	154.65

See footnotes on page 118.



**Table 152.—Flaxseed and products: Flaxseed crushed; production, imports, and exports of linseed oil, cake, and meal; and June 1 stocks of oil, United States, 1970-83**

Year beginning June	Flaxseed crushed					Linseed oil				Linseed cake and meal		
	June-Aug.	Sept.-Nov.	Dec.-Feb.	Mar.-May	Total	Stocks June 1	Production	Imports for consumption	Exports	Production	Imports for consumption	Exports
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Million pounds	Million pounds	Million pounds	Million pounds	1,000 tons	1,000 tons	1,000 tons
1970 .....	3,533	4,689	4,549	5,384	18,155	130	363	( <sup>1</sup> )	47	328	2	83
1971 .....	4,950	5,074	5,390	5,608	21,022	187	428	( <sup>1</sup> )	66	386	2	121
1972 .....	5,642	5,579	4,380	4,331	19,932	275	393	( <sup>1</sup> )	256	370	3	175
1973 .....	5,136	5,462	3,310	3,295	17,203	127	344	( <sup>1</sup> )	142	324	3	117
1974 .....	3,569	4,928	3,071	1,818	13,386	71	263	( <sup>1</sup> )	143	254	( <sup>2</sup> )	140
1975 .....	2,218	4,515	2,352	2,705	11,791	49	230	( <sup>1</sup> )	42	229	.....	141
1976 .....	2,899	2,646	2,745	2,387	10,677	49	217	( <sup>1</sup> )	14	202	( <sup>2</sup> )	89
1977 .....	2,897	2,887	2,638	3,193	11,615	88	232	( <sup>1</sup> )	25	218	4	111
1978 .....	4,310	2,483	2,367	3,869	13,009	70	259	( <sup>1</sup> )	54	244	3	135
1979 .....	3,215	3,383	2,318	3,666	12,425	44	256	( <sup>1</sup> )	38	233	2	161
1980 .....	2,465	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	11,927	54	251	( <sup>1</sup> )	51	225	2	129
1981 .....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	11,231	56	237	( <sup>1</sup> )	54	220	2	152
1982 .....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	8,722	50	182	( <sup>1</sup> )	21	170	2	79
1983 <sup>4</sup> .....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	12,733	35	265	( <sup>1</sup> )	51	249	2	125

<sup>1</sup> Less than 500,000 pounds.<sup>2</sup> Less than 500 tons.<sup>3</sup> Not included to avoid disclosure.<sup>4</sup> Preliminary.

Economic Research Service.

**Table 153.—Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, crop years 1981-83 <sup>1</sup>**

Continent and country of destination	Flaxseed			Linseed oil <sup>a</sup>			Linseed cake and meal		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
North America:									
Canada .....	0	0	0	1,169	2,232	1,288	0	24	44
Costa Rica .....	10	19	77	0	0	1	0	0	0
Honduras .....	0	32	107	3	0	1	0	0	0
Mexico .....	0	0	0	60	51	46	0	0	0
Panama .....	0	112	6	12	11	7	0	0	0
Other countries .....	13	19	0	44	38	40	0	0	0
Total <sup>4</sup> .....	23	163	190	1,288	2,332	1,383	0	24	44
South America:									
Brazil .....	0	0	0	0	0	269	0	0	0
Peru .....	0	0	0	0	3	0	0	0	0
Venezuela .....	0	18	99	202	105	98	0	0	0
Other countries .....	0	0	0	27	22	0	0	0	0
Total <sup>4</sup> .....	0	18	99	229	130	367	0	0	0
Europe:									
Belgium and Luxembourg .....	107	3,473	0	0	0	0	0	0	0
Denmark .....	0	17	35	18	0	0	0	0	0
France .....	0	0	0	0	122	65	0	0	0
Germany, Fed. Rep. of .....	0	1,669	123	9	4,014	0	11,960	25,621	41,632
Italy .....	0	0	0	0	0	0	0	0	0
Netherlands .....	114	10,627	585	7,988	2,890	6,287	80,884	59,332	60,059
Spain .....	0	0	0	3	0	3	0	0	0
Sweden .....	0	0	0	0	13	15	0	0	0
Switzerland .....	0	21	67	0	0	1	0	0	0
United Kingdom .....	0	0	12	0	1	13	0	0	0
Other countries .....	0	0	7	0	0	0	0	0	0
Total <sup>4</sup> .....	221	15,807	829	8,018	7,040	6,384	92,884	84,953	101,691
Soviet Union .....	0	0	0	10,000	0	14,999	0	0	0

See footnotes at end of table.

**Table 153.—Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, crop years, 1981-83 <sup>1</sup>—Continued**

Continent and country of destination	Flaxseed			Linseed oil <sup>3</sup>			Linseed cake and meal		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Africa and Middle East .....	0	0	0	61	2	41	0	0	599
Asia:									
Japan .....	0	0	0	18	6	3	0	0	0
Korea, Rep. of .....	0	0	0	0	2	6	0	0	0
Philippines .....	0	0	0	0	4	1	0	0	0
Other countries .....	0	5	0	4,022	20	5	210	0	0
Total <sup>4</sup> .....	0	5	0	4,042	32	15	210	0	0
Oceania:									
Australia .....	0	0	0	2	18	9	0	0	0
Other countries .....	0	0	0	792	17	143	52	0	0
Total <sup>4</sup> .....	0	0	0	794	35	152	52	0	0
Grand total <sup>4</sup> .....	<sup>5</sup> 274	<sup>5</sup> 16,200	<sup>5</sup> 1,997	24,431	9,571	23,341	93,105	84,977	102,334

<sup>1</sup> For flaxseed and linseed oil, year begins June 1; for linseed cake and meal, year begins Oct. 1. <sup>2</sup> Preliminary.  
<sup>3</sup> Crude and refined combined as such. <sup>4</sup> Total may not add due to rounding. <sup>5</sup> Includes 29, 207, and 880 metric tons transhipped via Canada to unidentified countries in 1981, 1982, and 1983, respectively.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 154.—Peanuts: Area, yield, production, disposition, season average price per pound received by farmers, and value, United States, 1970-84**

Crop of—	Area planted	Peanuts for nuts								
		Area harvested	Yield per acre	Production <sup>1</sup>	Used on farms where produced			Sold	Price	Value of production
					For seed <sup>2</sup>	Fed and lost	Household use			
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1970 .....	1,517.6	1,469.2	2,030	2,983,121	20,704	1,963	2,853	2,957,601	12.8	382,967
1971 .....	1,528.9	1,454.5	2,066	3,005,118	18,848	1,830	2,753	2,981,687	13.6	408,371
1972 .....	1,532.8	1,486.4	2,203	3,274,761	17,359	<sup>3</sup> 4,821		3,252,581	14.5	475,367
1973 .....	1,530.2	1,495.7	2,323	3,473,837	18,723		<sup>4</sup> 7,405	3,450,409	16.2	562,460
1974 .....	1,519.6	1,472.1	2,491	3,667,604		<sup>4</sup> 24,398		3,643,206	17.9	657,987
1975 .....	1,531.9	1,500.0	2,564	3,846,722		26,668		3,820,054	19.6	754,491
1976 .....	1,544.6	1,517.5	2,464	3,739,190		26,251		3,712,939	20.0	746,675
1977 .....	1,540.6	1,512.4	2,456	3,715,055		25,231		3,689,824	21.0	780,869
1978 .....	1,540.8	1,509.1	2,619	3,952,384		26,369		3,926,015	21.1	833,885
1979 .....	1,545.9	1,519.7	2,611	3,968,485		26,297		3,942,188	20.6	819,276
1980 .....	1,521.4	1,399.8	1,645	2,302,762		( <sup>5</sup> )		( <sup>5</sup> )	25.1	578,635
1981 .....	1,514.0	1,488.7	2,675	3,981,850		( <sup>5</sup> )		( <sup>5</sup> )	26.9	1,069,526
1982 .....	1,311.4	1,277.4	2,693	3,440,255		( <sup>5</sup> )		( <sup>5</sup> )	25.1	862,686
1983 .....	1,411.0	1,373.5	2,399	3,295,530		( <sup>5</sup> )		( <sup>5</sup> )	24.7	814,579
1984 <sup>6</sup> .....	1,562.6	1,531.0	2,878	4,405,745		( <sup>5</sup> )		( <sup>5</sup> )	25.3	1,112,726

<sup>1</sup> Net weight basis; estimates comprised of quota and non-quota peanuts. <sup>2</sup> Seed used for planting of the following year. <sup>3</sup> Beginning 1972 not estimated separately. <sup>4</sup> Beginning 1974, not estimated separately.  
<sup>5</sup> Series discontinued. <sup>6</sup> Preliminary.

Statistical Reporting Service.

**Table 155.—Peanuts, farmers' stock: Stocks, production, and quantity milled, United States, 1970-84**

Year beginning August	Stocks Aug. 1 <sup>1</sup>	Production harvested for nuts <sup>1</sup>	Total supply	Milled <sup>1 2</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1970.....	2,809	2,983,121	2,985,930	2,615,892
1971.....	14,223	3,005,118	3,019,341	2,650,296
1972.....	27,394	3,274,761	3,302,155	2,888,272
1973.....	56,699	3,473,837	3,530,736	3,050,986
1974.....	38,892	3,667,604	3,705,996	2,922,924
1975.....	226,991	3,846,722	4,073,713	3,461,504
1976.....	250,005	3,739,190	3,989,195	3,455,100
1977.....	54,366	3,715,055	3,769,421	3,348,732
1978.....	28,651	3,952,384	3,981,035	3,429,965
1979.....	13,513	3,968,485	3,981,998	3,502,326
1980.....	63,442	2,302,762	2,366,204	1,887,992
1981.....	28,328	3,981,850	4,010,178	3,610,896
1982.....	84,948	3,440,255	3,525,203	3,248,166
1983.....	51,440	3,295,530	3,346,970	3,149,878
1984.....	8,758	4,405,745	4,414,503	.....

<sup>1</sup> Net weight basis.<sup>2</sup> Excludes peanuts milled for seed.  
Statistical Reporting Service.**Table 156.—Peanuts: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1970-84**

Year beginning August	Peanuts crushed (shelled oil stock)	Peanut oil				Peanut cake and meal	
		Stocks Aug. 1 <sup>1</sup>	Production of crude	Imports	Exports <sup>2</sup>	Stocks Aug. 1 <sup>3</sup>	Production
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1970.....	600,855	25,337	253,544	32	43,999	7,738	340,351
1971.....	612,322	41,784	259,994	15	74,865	21,587	334,428
1972.....	638,755	32,110	268,950	23	104,907	2,979	359,769
1973.....	513,552	37,317	213,896	1,123	60,529	6,962	284,997
1974.....	443,665	33,342	188,365	20	34,681	6,838	245,584
1975.....	1,088,087	34,053	475,961	1,850	97,712	10,374	601,243
1976.....	833,158	136,926	362,611	32	45,878	5,863	466,544
1977.....	366,227	221,545	150,971	25	126,547	11,719	208,144
1978.....	395,951	46,029	164,284	46	40,488	10,933	217,988
1979.....	429,116	53,189	179,695	63	15,634	1,019	236,228
1980.....	335,528	44,076	137,848	82	47,522	8,830	187,204
1981.....	431,480	28,105	175,028	203	40,865	7,335	237,290
1982.....	256,436	60,309	106,962	3,712	5,178	9,705	141,546
1983.....	291,084	(*)	119,008	644	7,096	4,008	159,340
1984.....	(*)	32,425	(*)	(*)	(*)	13,962	(*)

<sup>1</sup> Crude plus refined.<sup>2</sup> Reported as edible peanut oil and crude peanut oil; in this tabulation added without converting.<sup>3</sup> Holding at producing mills only.<sup>4</sup> Not available.

Statistical Reporting Service and Economic Research Service.

## FOOTNOTES FOR TABLE 151

<sup>1</sup> Year beginning June 1.<sup>2</sup> Raw oil in tank cars.<sup>3</sup> Bulk carlots, 34 percent protein.

Economic Research Service.

**Table 157.—Cleaned peanuts (roasting stock): Supply and disposition, United States, 1970-84**

Year beginning August	Supply				Disposition		
	Stocks Aug. 1	Production	Imports	Total	Exports <sup>1</sup>	Domestic disappearance	
						Total	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1970 .....	16,059	119,146	1,269	136,474	6,436	114,072	0.55
1971 .....	15,966	121,009	1,299	138,274	35,801	81,588	.39
1972 .....	20,885	113,341	1,039	135,265	4,369	113,237	.54
1973 .....	17,659	149,503	79	167,241	66,094	86,055	.41
1974 .....	15,092	132,185	127	147,404	17,703	111,872	.53
1975 .....	17,829	154,768	207	172,804	22,708	119,529	.56
1976 .....	30,567	150,764	432	181,763	24,765	138,841	.65
1977 .....	18,157	198,076	413	216,646	64,284	126,724	.56
1978 .....	25,638	233,497	413	259,548	94,612	116,737	.52
1979 .....	48,199	183,831	424	232,454	64,810	137,053	.61
1980 .....	30,591	104,053	3,597	138,241	33,071	90,789	.40
1981 .....	14,381	231,580	6	245,967	77,998	122,743	.54
1982 .....	45,226	232,998	846	279,070	51,321	155,950	.67
1983 .....	71,799	124,507	298	196,604	39,509	133,773	.57
1984 .....	23,322						

<sup>1</sup> Prior to 1983 includes shipments to Puerto Rico.

Statistical Reporting Service and Economic Research Service. Foreign trade from the U.S. Department of Commerce.

**Table 158.—Shelled peanuts (all grades): Supply, exports, and quantity crushed, United States, 1970-84**

Year beginning August	Supply						Exports <sup>1</sup>	Crushed
	Stocks Aug. 1		Production		Imports	Total		
	Edible	Oil stock	Edible	Oil stock				
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1970 .....	238,325	12,677	1,373,076	482,274	204	2,106,556	213,027	600,855
1971 .....	290,965	27,081	1,385,585	518,747	859	2,223,237	403,397	612,322
1972 .....	224,529	33,783	1,503,124	567,067	443	2,328,946	385,588	638,755
1973 .....	240,686	25,586	1,678,534	509,306	444	2,454,556	523,986	513,552
1974 .....	359,752	16,126	1,557,098	558,409	466	2,491,851	548,083	443,665
1975 .....	279,401	20,734	1,590,916	914,655	290	2,805,996	318,229	1,088,087
1976 .....	315,667	83,174	1,757,043	729,842	66	2,885,792	580,496	833,158
1977 .....	372,518	29,803	1,881,663	468,753	148	2,752,885	705,032	366,227
1978 .....	358,984	37,366	1,943,628	435,972	139	2,776,089	713,701	395,951
1979 .....	348,002	46,435	2,003,011	486,981	140	2,884,569	762,304	429,116
1980 .....	371,658	29,491	993,306	286,868	300,710	1,982,033	353,677	335,528
1981 .....	268,276	10,366	2,087,924	387,790	4,632	2,758,991	375,029	431,480
1982 .....	450,449	20,574	1,887,011	283,141	1,323	2,642,498	473,406	256,436
1983 .....	537,855	19,208	1,776,069	342,477	1,715	2,677,324	529,942	291,084
1984 .....	402,449	33,063						

<sup>1</sup> Prior to 1983 includes shipments to Puerto Rico.

Statistical Reporting Service and Economic Research Service. Foreign trade from the U.S. Department of Commerce.



**Table 159.—Peanuts: Shelled (raw basis) by types, used in primary products and apparent disappearance of peanuts (cleaned in shell), United States, 1970-83**

Type, and year beginning August	Shelled uses -						Apparent disappear- ance (cleaned in shell) <sup>2</sup>
	Peanut butter <sup>1</sup>	Peanut butter sand- wiches	Salted	Candy	Other	Total	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>Virginia:</b>							
1970.....	50,294	7,895	176,816	58,729	5,895	299,629	.....
1971.....	40,685	8,211	173,597	52,157	4,550	279,200	.....
1972.....	46,435	7,770	167,941	50,597	4,508	277,251	.....
1973.....	72,614	3,821	171,695	53,052	4,336	305,518	.....
1974.....	67,461	2,978	132,861	51,278	3,180	257,758	.....
1975.....	62,244	3,068	147,933	52,335	2,746	268,326	.....
1976.....	46,167	4,566	98,992	49,876	2,222	201,823	.....
1977.....	49,517	3,994	88,773	44,260	2,164	188,708	.....
1978.....	48,824	4,655	91,426	48,424	2,531	195,860	.....
1979.....	47,462	7,353	83,755	27,899	2,493	168,962	.....
1980.....	26,142	2,487	50,095	18,903	1,137	98,764	.....
1981.....	33,862	2,600	84,608	15,701	1,371	138,142	.....
1982.....	74,427	2,358	114,593	21,130	2,678	215,186	.....
1983.....	41,915	2,176	101,980	15,402	1,795	163,268	.....
<b>Runner:</b>							
1970.....	232,567	9,941	5,820	95,373	7,743	351,444	.....
1971.....	250,903	12,004	11,948	109,463	8,431	392,749	.....
1972.....	265,938	12,983	29,665	122,164	8,694	439,444	.....
1973.....	330,043	16,020	51,555	115,278	10,502	523,398	.....
1974.....	415,720	13,781	86,092	101,729	7,435	624,756	.....
1975.....	447,182	15,204	94,633	124,423	9,742	691,184	.....
1976.....	455,900	17,192	102,603	121,193	11,874	708,762	.....
1977.....	492,439	23,020	144,309	126,101	13,735	799,604	.....
1978.....	546,001	22,528	158,262	158,258	13,949	898,998	.....
1979.....	600,920	22,303	155,469	183,612	14,607	976,911	.....
1980.....	529,923	21,289	127,430	177,098	15,327	871,067	.....
1981.....	596,231	19,534	162,967	199,351	12,356	990,439	.....
1982.....	578,488	19,109	157,546	223,338	13,137	991,618	.....
1983.....	596,617	21,738	164,389	237,075	12,429	1,032,248	.....
<b>Spanish:</b>							
1970.....	257,489	7,481	56,168	89,137	3,933	414,208	.....
1971.....	265,259	5,379	56,106	84,426	3,987	415,157	.....
1972.....	265,688	4,983	56,824	87,087	4,371	418,863	.....
1973.....	257,314	4,041	61,057	83,174	4,457	410,043	.....
1974.....	167,803	3,609	59,332	64,028	3,764	298,536	.....
1975.....	138,631	2,685	59,069	62,918	3,509	266,812	.....
1976.....	115,870	2,460	52,227	63,961	3,726	238,244	.....
1977.....	81,870	1,182	41,137	64,858	2,783	191,830	.....
1978.....	70,112	884	41,926	61,753	2,625	177,300	.....
1979.....	51,643	681	45,650	46,845	2,213	147,032	.....
1980.....	32,491	302	27,964	41,889	3,224	105,870	.....
1981.....	23,617	525	30,379	40,810	1,544	96,875	.....
1982.....	24,688	464	35,980	39,688	1,144	101,963	.....
1983.....	32,898	365	35,602	45,588	1,245	115,698	.....
<b>All types:</b>							
1970.....	540,350	25,317	238,804	243,239	17,571	1,065,281	119,236
1971.....	556,847	25,594	241,651	246,046	16,968	1,087,106	116,089
1972.....	578,061	25,646	254,430	259,848	17,573	1,135,558	116,567
1973.....	659,971	23,882	284,307	251,504	19,295	1,238,959	152,070
1974.....	650,984	20,368	278,285	217,034	14,379	1,181,050	129,447
1975.....	648,057	20,957	301,635	239,676	15,997	1,226,322	142,029
1976.....	617,937	24,218	253,822	235,030	17,822	1,148,829	163,177
1977.....	623,826	28,196	274,219	235,219	18,062	1,180,142	190,593
1978.....	664,937	28,067	291,614	268,435	19,105	1,272,158	210,935
1979.....	700,025	30,337	284,874	258,356	19,313	1,292,905	201,441
1980.....	588,558	24,073	205,489	237,890	19,688	1,075,701	120,263
1981.....	653,710	22,659	277,954	255,862	15,271	1,225,456	200,735
1982.....	677,602	21,930	308,118	284,156	16,959	1,308,765	206,425
1983.....	671,430	24,279	301,971	298,065	15,469	1,311,214	172,984

<sup>1</sup> Excludes peanut butter made by manufacturers for own use in candy and/or peanut butter sandwiches.

<sup>2</sup> Apparent disappearance represents stocks beginning of year plus production, minus stocks at end of year.

Statistical Reporting Service and Economic Research Service.

Table 160.—Peanuts: Area, yield, and production, by States, 1982-84

State	Area planted			Peanuts for nuts								
	1982	1983	1984 <sup>1</sup>	Area harvested			Yield per harvested acre			Production <sup>2</sup>		
				1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Ala.....	179.0	182.0	221.0	177.0	180.0	219.0	2,950	2,525	2,960	522,150	454,500	648,550
Fla.....	59.0	69.0	85.0	51.0	60.0	77.0	3,000	2,780	3,200	153,000	166,800	246,400
Ga.....	475.0	567.0	643.0	472.0	562.0	640.0	3,215	2,790	3,375	1,517,480	1,567,980	2,160,000
N. Mex.....	10.4	11.0	14.6	10.4	11.0	14.5	2,425	2,330	2,220	25,220	25,630	32,190
N.C.....	152.0	150.0	157.0	149.0	147.0	155.0	2,800	2,165	2,900	417,200	318,255	449,500
Okla.....	88.0	93.0	97.0	86.0	91.0	91.0	2,030	1,940	2,077	174,580	176,540	189,000
S.C.....	12.0	13.0	15.0	12.0	12.5	14.5	2,500	2,000	2,700	30,000	25,000	39,150
Tex.....	240.0	230.0	232.0	225.0	215.0	223.0	1,445	1,685	1,665	325,125	362,275	371,295
Va.....	96.0	96.0	98.0	95.0	95.0	97.0	2,900	2,090	2,780	275,500	198,550	269,660
U.S.....	1,311.4	1,411.0	1,562.6	1,277.4	1,373.5	1,531.0	2,693	2,399	2,878	3,440,255	3,295,530	4,405,745

<sup>1</sup> Preliminary. <sup>2</sup> Net weight basis; estimates comprised of quota and non-quota peanuts.  
Statistical Reporting Service.

Table 161.—Peanuts for nuts: Season average price, and value of production, by States, crop of 1982, 1983, and 1984

State	Season average price per pound			Value of production		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	24.7	24.3	26.0	128,971	110,444	168,623
Fla.....	24.0	24.6	26.6	36,720	41,033	65,542
Ga.....	24.6	24.1	24.1	373,300	377,883	520,560
N. Mex.....	30.2	29.2	29.0	7,616	7,484	9,335
N.C.....	27.1	25.3	27.1	113,061	80,519	121,815
Okla.....	23.4	26.0	27.0	40,852	45,900	51,030
S.C.....	27.1	25.0	23.0	8,130	6,250	9,005
Tex.....	25.6	25.3	25.9	83,232	91,656	96,165
Va.....	25.7	26.9	26.2	70,804	53,410	70,651
U.S.....	25.1	24.7	25.3	862,686	814,579	1,112,726

<sup>1</sup> Preliminary.  
Statistical Reporting Service.

Table 162.—Peanuts, farmers' stock: Average price per pound to growers, 1970-84 <sup>1</sup>

Crop year <sup>2</sup>	Virginia type (Va.-N.C.)	South-eastern Runner	South-western Spanish	New Mexico Valencias	Crop year <sup>2</sup>	Virginia type (Va.-N.C.)	South-eastern Runner	South-western Spanish	New Mexico Valencias
	Cents	Cents	Cents	Cents		Cents	Cents	Cents	Cents
1970.....	13.8	13.0	12.5	13.9	1978.....	21.9	21.9	20.4	22.1
1971.....	14.2	14.6	13.6	13.8	1979.....	21.1	22.4	20.4	21.3
1972.....	14.6	15.1	14.2	15.2	1980.....	21.6	22.7	20.8	23.4
1973.....	16.2	16.6	15.6	16.9	1981.....	22.7	23.1	22.6	24.1
1974.....	17.6	18.5	17.4	17.7	1982.....	29.2	29.2	26.9	28.8
1975.....	18.7	19.3	18.2	22.5	1983.....	25.1	27.9	26.7	28.8
1976.....	19.9	20.1	19.0	24.5	1984.....	28.8	29.6	27.3	29.1
1977.....	21.5	22.1	20.8	24.5					

<sup>1</sup> Prices are based on average quality factors for each crop year as described in the price-support schedules and summaries of inspections as reported by the Federal-State Inspection Service.

<sup>2</sup> Crop year begins about Oct. 1 in the Virginia-North Carolina Section; in August, in the Southeastern and the Southwestern States.

Agricultural Marketing Service.

Table 163.—Peanuts, farmers' stock: Price-support operations, United States, 1970-84

Year beginning August	Quota support price		Additional support level (per pound)	Put under support <sup>2 3</sup>		Owned by CCC July 31 <sup>4</sup>
	Per pound	Percentage of parity <sup>1</sup>		Quantity	Percentage of production	
	<i>Cents</i>	<i>Percent</i>	<i>Cents</i>	<i>Million pounds</i>	<i>Percent</i>	<i>Million pounds</i>
1970.....	12.75	75	.....	1,084	36.3	11
1971.....	13.425	75	.....	1,238	41.2	4
1972.....	14.25	75	.....	1,277	39.0	24
1973.....	16.425	75	.....	1,029	29.6	0
1974.....	18.3	75	.....	1,072	29.2	552
1975.....	19.725	75	.....	1,136	29.5	958
1976.....	20.7	75	.....	854	22.8	0
1977 <sup>5</sup> .....	21.525	75	.....	535	14.4	2
1978.....	21.0	( <sup>6</sup> )	12.5	515	12.9	.....
1979.....	21.0	( <sup>6</sup> )	15.0	709	17.9	.....
1980.....	22.75	( <sup>6</sup> )	12.5	337	14.6	.....
1981.....	22.75	( <sup>6</sup> )	12.5	835	20.9	2
1982.....	27.50	( <sup>6</sup> )	10.0	539	15.7	.....
1983.....	27.5	( <sup>6</sup> )	9.3	367	11.1	.....
1984.....	27.5	( <sup>6</sup> )	93	1,370	30.9	.....

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year. <sup>2</sup> Includes loans made and direct purchases. <sup>3</sup> Includes shelled peanuts converted to farmers' stock basis. <sup>4</sup> Less than 500,000 pounds. <sup>5</sup> The 1977 legislation authorized a two-price poundage quota program with declining minimum quota levels for 1978-81 crops. The 1981 legislation suspended allotments and continued the declining poundage quotas and the two-price program for 1982-85 crops. Quota peanuts are those peanuts grown within the farm poundage quota. Additional peanuts are those peanuts grown in excess of the quota. <sup>6</sup> Not applicable. For 1978-83, support level was not based on parity.

Agricultural Stabilization and Conservation Service.

Table 164.—Peanuts: Simple average of monthly f.o.b. price per pound of cleaned and shelled peanuts by approximate crop years, 1974-83<sup>1</sup>

Classification	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Southeastern area:										
Georgia, Alabama, and Florida:										
Shelled:										
Runner Jumbo.....	32½	33½	34%	37¼	36¾	37½	40	47½	47¾	58%
Runner Medium.....	29%	31%	33	35¼	35	36½	38%	44¼	47%	56%
Runner U.S. Splits.....	26½	27½	26%	32¼	33¾	35%	39	44%	47%	55%
Virginia-North Carolina:										
Clean unshelled Virginias:										
Fancy.....	33%	30%	32½	36½	34	36%	38	41½	43%	63%
Shelled Virginias:										
Extra large.....	40%	39%	39%	40%	42¾	47¼	45%	49¼	49	71%
Medium.....	34%	36%	37¼	38%	37%	39%	41	47½	47¾	60
No. 2 with 70% splits.....	25¼	24%	25%	30¼	31%	33¾	35%	37%	45%	49%
Southwestern area:										
Texas and Oklahoma:										
Shelled:										
Spanish No. 1.....	30%	34¼	36¼	40%	38%	38%	42	54%	52%	59%
Spanish U.S. Splits.....	27¼	27%	27½	33½	34%	36½	39	49½	48¼	55½
New Mexico:										
Handpicked unshelled Valencias <sup>2</sup> .....	29%	31%	32%	34½	35%	36%	37	44½	43%	52%

<sup>1</sup> Crop year begins about Oct. 1 in the Virginia-North Carolina area; in August, in the Southeastern and the Southwestern States. Prices are for shipment within 6 months.

<sup>2</sup> No U.S. grade standards apply to Valencia peanuts.

Agricultural Marketing Service.

Table 165.—Peanuts: <sup>1</sup> Area and production in specified countries and the world, 1982-83/1984-85

Continent and country	Harvested area <sup>2</sup>			Production		
	1982-83	1983-84	1984-85 <sup>3</sup>	1982-83	1983-84	1984-85 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America and Caribbean:						
United States .....	517	556	620	1,560	1,495	1,998
Mexico .....	45	45	40	50	60	55
Dominican Republic .....	23	21	18	20	18	15
Total .....	585	622	678	1,630	1,573	2,068
South America:						
Argentina .....	125	157	138	250	307	260
Brazil .....	210	150	210	250	220	270
Columbia .....	2	2	2	3	3	3
Ecuador .....	13	9	12	11	8	10
Paraguay .....	37	37	38	37	37	38
Venezuela .....	5	15	15	7	10	11
Total .....	392	370	415	558	585	592
Europe:						
Total (including Soviet Union) .....	4	4	4	5	5	5
Africa:						
Egypt .....	12	11	13	24	20	35
Nigeria .....	600	600	600	580	400	570
Morocco .....	36	36	30	42	42	33
Zimbabwe .....	192	154	200	32	27	75
Zambia .....	20	20	20	10	12	12
South Africa .....	227	238	250	89	71	172
Total <sup>4</sup> .....	5,670	5,472	5,444	4,166	3,349	3,820
Asia:						
Turkey (Europe and Asia) .....	24	24	25	50	50	60
China .....	2,416	2,201	2,390	3,916	3,851	4,810
Taiwan .....	46	52	58	63	90	90
Burma .....	571	615	615	541	591	600
India .....	7,215	7,641	7,500	5,282	7,284	6,500
Indonesia .....	483	507	532	795	830	880
Japan .....	30	30	29	47	71	73
Pakistan .....	69	72	72	84	88	90
Philippines .....	48	50	54	40	37	40
Thailand .....	122	123	123	145	135	130
Other countries .....	38	40	38	64	65	63
Total <sup>4</sup> .....	11,062	11,355	11,436	11,027	13,192	13,336
Oceania: Australia .....	36	32	32	23	47	53
World total <sup>4</sup> .....	17,773	17,886	18,042	17,457	18,819	19,934

<sup>1</sup> Peanuts in the shell. Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

<sup>4</sup> Includes countries not listed separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.



**Table 166.—Soybeans: Area, yield, production, disposition, and value, United States, 1970–84**

Year	Area planted	Soybeans for beans							
		Area harvested	Yield per acre	Production	Used on farms where produced		Sold	Season average price per bushel received by farmers <sup>1</sup>	Value of production <sup>1</sup>
					For seed	Fed to livestock			
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1970 .....	43,082	42,249	26.7	1,127,100	19,398	1,074	1,106,628	2.85	3,214,710
1971 .....	43,476	42,705	27.5	1,176,101	20,793	1,082	1,154,226	3.03	3,560,022
1972 .....	46,866	45,683	27.8	1,270,608	22,569	1,116	1,246,923	4.37	5,550,074
1973 .....	56,549	55,667	27.8	1,547,543	22,521	1,250	1,523,772	5.68	8,790,042
1974 .....	52,479	51,341	23.7	1,216,287	<sup>2</sup> 25,317		1,190,970	6.64	8,078,943
1975 .....	54,590	53,617	28.9	1,548,344	21,679		1,526,665	4.92	7,622,493
1976 .....	50,269	49,401	26.1	1,288,608	23,894		1,264,714	6.81	8,775,761
1977 .....	58,978	57,830	30.6	1,767,267	25,432		1,741,835	5.88	10,383,377
1978 .....	64,708	63,663	29.4	1,868,754	25,657		1,843,097	6.66	12,449,679
1979 .....	71,411	70,343	32.1	2,260,665	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	6.28	14,203,660
1980 .....	69,930	67,813	26.5	1,797,543	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	7.57	13,601,112
1981 .....	67,543	66,163	30.1	1,989,110	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	6.04	12,004,638
1982 .....	70,884	69,442	31.5	2,190,297	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	5.69	12,462,779
1983 .....	63,779	62,525	26.2	1,635,772	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	7.81	12,774,974
1984 <sup>4</sup> .....	67,735	66,093	28.2	1,860,783	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	6.13	11,402,008

<sup>1</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>2</sup> Beginning 1974, not estimated separately.

<sup>3</sup> Series discontinued.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

**Table 167.—Soybeans: Stocks on and off farms, United States, 1970–85**

Year	On farms				Off farms <sup>3</sup>			
	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Sept. 1 <sup>2</sup>	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Sept. 1 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1970 .....	372,069	209,236	78,711	40,580	683,425	525,001	324,676	189,256
1971 .....	391,960	246,491	90,595	20,554	553,012	369,063	190,832	78,225
1972 .....	397,631	218,618	58,440	11,779	491,387	333,677	174,394	60,183
1973 .....	428,798	145,261	33,847	9,412	437,924	358,372	145,352	50,222
1974 .....	607,233	331,211	150,738	64,414	552,756	405,943	190,865	106,337
1975 .....	484,978	332,096	165,597	78,229	505,392	323,317	191,704	109,922
1976 .....	590,926	411,535	254,029	86,159	665,689	456,283	300,938	158,781
1977 .....	473,405	227,794	92,400	32,756	559,045	390,214	243,335	70,168
1978 .....	674,550	394,405	207,541	59,132	652,400	455,448	298,815	102,044
1979 .....	699,556	408,930	241,255	61,509	695,034	467,646	284,850	114,079
1980 .....	890,091	600,648	396,040	128,596	877,896	580,322	378,144	229,880
1981 .....	732,384	527,222	363,317	153,571	792,792	493,892	317,603	159,436
1982 .....	882,826	565,792	354,097	117,749	727,478	460,128	292,268	136,732
1983 .....	1,008,139	643,134	424,658	118,574	754,560	504,529	365,966	226,060
1984 .....	620,171	374,237	179,601	67,912	670,384	415,765	292,085	107,784
1985 <sup>4</sup> .....	767,084	488,079	326,806	.....	655,655	408,632	281,751	.....

<sup>1</sup> Prior to 1976, estimates are for July 1.

<sup>2</sup> Old crop only.

<sup>3</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 168.—Soybeans: Supply and disappearance, United States, 1970-84

Year beginning September	Supply					
	Stocks by position				Production	Total
	Farm	Terminal market, interior mill, elevator, and warehouse	Commodity Credit Corpora- tion <sup>1</sup>	Total		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1970 .....	40,580	189,256	8,738	229,836	1,127,100	1,356,936
1971 .....	20,554	78,225	2	98,779	1,176,101	1,274,880
1972 .....	11,779	60,183		71,962	1,270,608	1,342,570
1973 .....	9,412	50,222		59,634	1,547,543	1,607,177
1974 .....	64,414	106,337		170,751	1,216,287	1,387,038
1975 .....	78,229	109,922		188,151	1,548,344	1,736,495
1976 .....	86,159	158,781		244,940	1,288,608	1,533,548
1977 .....	32,756	70,168		102,924	1,767,267	1,870,191
1978 .....	59,132	102,044		161,176	1,868,754	2,029,930
1979 .....	61,509	114,079		175,588	2,260,665	2,436,253
1980 .....	128,596	229,880		358,476	1,797,543	2,156,019
1981 .....	153,571	159,436		313,007	1,989,110	2,302,117
1982 .....	117,749	136,732		254,481	2,190,297	2,444,778
1983 .....	118,574	226,060		344,634	1,635,772	1,980,406
1984 <sup>2</sup> .....	68,274	106,524		174,798	1,860,783	2,035,581

  

Year beginning September	Disappearance				
	Seed <sup>3</sup>	Crushed <sup>4</sup>	Feed and residual <sup>5</sup>	Net exports <sup>5</sup>	Total
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1970 .....	48,105	760,129	16,122	433,800	1,258,156
1971 .....	50,986	720,544	14,559	416,829	1,202,918
1972 .....	60,755	721,800	20,940	479,443	1,282,938
1973 .....	56,093	821,313	19,890	539,129	1,436,426
1974 .....	57,226	701,262	19,697	427,342	1,205,527
1975 .....	53,542	865,121	16,845	555,094	1,490,602
1976 .....	65,000	790,204	10,308	564,071	1,429,562
1977 .....		926,661	82,000	700,484	1,709,145
1978 .....		1,017,820	99,000	739,154	1,855,974
1979 .....		1,123,382	85,000	875,173	1,083,555
1980 .....		1,020,493	89,000	724,295	1,833,788
1981 .....		1,029,677	83,000	929,080	2,041,757
1982 .....		1,107,997	86,989	905,158	2,100,144
1983 <sup>2</sup> .....		982,685	85,000	740,330	1,808,015

<sup>1</sup> Owned by CCC and stored in bins or other storage owned or controlled by CCC. Other CCC-owned grain included in the estimates by positions.

<sup>2</sup> Preliminary.

<sup>3</sup> Seed, feed, and residual are combined, beginning 1977.

<sup>4</sup> Reported by the U.S. Department of Commerce.

<sup>5</sup> Imports negligible.

Economic Research Service.

## FOOTNOTES FOR TABLE 170

<sup>1</sup> Preliminary.

<sup>2</sup> Exports only 1978 to date.

Economic Research Service. Data from the U.S. Department of Commerce.

Table 169.—Soybeans: Area, yield, and production, by States, 1982-84

State	Area planted			Soybeans for beans								
	1982	1983	1984 <sup>1</sup>	Area harvested			Yield per harvested acre			Production		
				1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	2,050	1,550	1,400	2,000	1,500	1,370	25.0	20.0	21.0	50,000	30,000	28,770
Ark.....	4,500	3,900	4,050	4,400	3,800	3,900	24.0	18.5	26.0	105,600	70,300	101,400
Del.....	275	255	260	270	250	250	24.0	29.0	24.0	6,480	7,250	6,000
Fla.....	429	327	340	402	312	325	26.0	25.0	24.0	10,452	7,800	7,800
Ga.....	2,400	2,050	2,100	2,350	2,000	2,000	27.0	21.0	20.0	63,450	42,000	40,000
Ill.....	9,250	9,100	9,200	9,200	9,050	9,020	38.5	29.5	32.0	354,200	266,975	288,640
Ind.....	4,540	4,000	4,400	4,500	3,950	4,350	38.5	31.0	34.5	173,250	122,450	150,075
Iowa.....	8,470	8,000	8,500	8,400	7,960	8,400	36.5	35.0	31.5	306,600	278,600	264,600
Kans.....	1,820	1,600	1,730	1,780	1,520	1,620	26.0	16.0	17.5	46,280	24,320	28,350
Ky.....	1,680	1,500	1,520	1,630	1,440	1,460	31.5	17.0	29.0	51,345	24,480	42,340
La.....	3,000	2,670	2,450	2,900	2,620	2,380	26.0	26.0	27.0	75,400	68,120	64,260
Md.....	420	390	435	415	385	425	29.0	26.0	29.0	12,035	10,010	12,325
Mich.....	1,150	1,050	1,200	1,140	1,040	1,190	31.0	32.5	27.0	35,340	33,800	32,130
Minn.....	4,950	4,650	5,300	4,830	4,600	5,240	35.0	33.0	33.0	169,050	151,800	172,920
Miss.....	3,700	3,200	3,300	3,550	3,100	3,200	26.0	19.0	24.0	92,300	58,900	76,800
Mo.....	5,800	5,300	5,500	5,700	5,150	5,300	30.0	20.0	20.5	171,000	103,000	108,650
Nebr.....	2,300	2,100	2,600	2,250	2,070	2,550	35.0	28.5	25.0	78,750	58,995	63,750
N.J.....	172	135	135	170	133	133	25.0	23.0	31.0	4,250	3,059	4,123
N.C.....	2,150	1,750	1,850	2,100	1,650	1,790	25.0	20.0	26.0	52,500	33,000	46,540
N. Dak.....	425	540	750	415	530	740	21.0	27.0	23.0	8,715	14,310	17,020
Ohio.....	3,750	3,300	3,800	3,700	3,280	3,770	36.0	32.0	36.5	133,200	104,960	137,605
Okla.....	300	250	240	280	220	220	18.0	17.0	19.0	5,040	3,910	4,180
Pa.....	143	152	175	135	145	170	31.0	24.0	35.0	4,185	3,480	5,950
S.C.....	1,850	1,480	1,520	1,800	1,430	1,490	22.0	16.5	20.0	39,600	23,595	29,800
S. Dak.....	820	1,000	1,400	800	985	1,360	30.5	28.5	23.0	24,400	26,103	31,280
Tenn.....	2,400	2,020	1,900	2,300	1,970	1,850	28.5	16.0	26.0	60,950	31,520	48,100
Tex.....	1,000	460	450	920	420	410	25.0	22.5	29.0	23,000	9,450	11,890
Va.....	680	650	750	665	610	730	29.0	16.0	29.5	19,285	9,760	21,535
Wis.....	460	400	480	440	395	450	31.0	35.0	31.0	13,640	13,825	13,950
U.S.....	70,884	63,779	67,735	69,442	62,525	66,093	31.5	26.2	28.2	2,190,297	1,635,772	1,860,783

<sup>1</sup> Preliminary.  
Statistical Reporting Service.

Table 170.—Soybeans: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1970-84

Year beginning October	Soybeans crushed					Soybean oil			Soybean cake and meal		
	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Total	Stocks Oct. 1	Production	Exports and ship-ments	Stocks Oct. 1	Production	Exports
	1,000 bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els	1,000 bushels	Million pounds	Million pounds	Million pounds	1,000 tons	1,000 tons	1,000 tons
1970.....	200,759	191,422	188,632	180,452	761,265	543	8,265	1,782	137	18,035	4,559
1971.....	183,334	187,975	178,657	168,297	718,263	773	7,892	1,440	146	17,024	3,805
1972.....	206,728	199,750	172,122	132,446	711,046	785	7,501	1,088	192	16,708	4,745
1973.....	207,370	220,861	210,723	194,517	833,471	516	8,995	1,461	183	19,674	5,548
1974.....	182,656	178,196	163,587	179,710	704,149	794	7,375	1,090	507	16,702	4,299
1975.....	220,260	222,106	231,457	203,666	877,489	561	9,630	1,034	308	20,754	5,145
1976.....	219,012	218,168	184,431	151,666	773,277	1,251	8,578	1,547	355	18,488	4,559
1977.....	247,701	247,190	235,108	216,180	946,179	771	10,288	2,057	228	22,371	6,080
1978.....	275,260	261,117	253,009	232,880	1,022,266	729	11,323	<sup>2</sup> 2,334	243	24,354	6,610
1979.....	301,607	308,887	268,460	250,147	1,129,101	776	12,105	2,690	267	27,105	7,932
1980.....	290,378	260,450	241,097	222,398	1,014,323	1,210	11,270	1,631	226	24,312	6,784
1981.....	304,502	266,749	244,647	213,779	1,029,677	1,736	10,979	2,077	163	24,634	6,908
1982.....	320,159	298,556	247,012	253,881	1,119,608	1,103	12,040	2,025	175	26,791	7,109
1983.....	272,408	259,026	224,579	205,635	961,648	1,261	10,872	1,814	474	22,758	5,436
1984 <sup>1</sup> .....	289,243	.....	.....	.....	.....	721	11,394	1,750	255	24,435	5,200

See footnotes on page 125.

## SOYBEANS

127

Table 171.—Soybeans for beans: Season average price and value of production, by States, crop of 1982, 1983, and 1984

State	Season average price per bushel			Value of production		
	1982 <sup>1</sup>	1983 <sup>1</sup>	1984 <sup>1 2</sup>	1982 <sup>1</sup>	1983 <sup>1</sup>	1984 <sup>1 2</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.....	5.36	7.80	6.20	268,000	234,000	178,374
Ark.....	5.71	7.87	6.25	602,976	553,261	633,750
Del.....	5.65	7.86	6.05	36,612	56,985	36,300
Fla.....	5.45	8.15	6.20	56,963	63,370	48,360
Ga.....	5.45	7.59	6.10	345,803	318,780	244,000
Ill.....	5.89	7.94	6.25	2,086,238	2,119,782	1,804,000
Ind.....	5.51	7.96	6.15	954,608	974,702	922,961
Iowa.....	5.82	7.75	6.05	1,784,412	2,159,150	1,600,830
Kans.....	5.57	7.79	6.00	257,780	189,453	170,100
Ky.....	5.74	7.79	6.30	294,720	190,699	266,742
La.....	5.65	7.77	6.20	426,010	529,292	398,412
Md.....	5.70	7.86	6.05	68,600	78,679	74,566
Mich.....	5.46	7.82	6.20	192,956	264,316	199,206
Minn.....	5.81	7.64	6.05	982,181	1,159,752	1,046,166
Miss.....	5.74	7.85	6.30	529,802	462,365	483,840
Mo.....	5.61	7.84	6.15	959,310	807,520	668,198
Nebr.....	5.50	7.64	5.95	433,125	450,722	379,313
N.J.....	5.47	7.74	6.30	23,248	23,677	25,975
N.C.....	5.58	7.89	6.05	292,950	260,370	281,567
N. Dak.....	5.41	7.34	5.85	47,148	105,035	99,567
Ohio.....	5.68	7.91	6.15	756,576	830,234	846,271
Okl.....	5.20	7.60	5.95	26,208	29,716	24,871
Pa.....	5.45	7.80	5.75	22,808	27,144	34,213
S.C.....	5.75	7.79	6.10	227,700	183,805	181,780
S. Dak.....	5.57	7.63	5.80	135,908	199,166	181,424
Tenn.....	5.57	7.96	6.00	339,492	250,899	288,600
Tex.....	5.40	7.43	5.65	124,200	70,214	67,179
Va.....	5.70	7.85	6.15	109,925	76,616	132,440
Wis.....	5.61	7.60	5.95	76,520	105,070	83,003
U.S.....	5.69	7.81	6.13	12,462,779	12,774,974	11,402,008

<sup>1</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States. <sup>2</sup> Preliminary.  
Statistical Reporting Service.

Table 172.—Soybeans: Price-support operations, United States, 1970-84

Year beginning September	Support price		Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC Aug. 31
	Per bushel	Percentage of parity <sup>1</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1970.....	2.25	60	146,420	13.0	83	2,500
1971.....	2.25	56	168,204	14.3	111	1
1972.....	2.25	54	90,555	7.1	36	.....
1973.....	2.25	45	124,177	8.0	52	.....
1974.....	2.25	37	34,554	2.8	7	.....
1975.....	(*)	.....	.....	.....	.....	.....
1976.....	2.50	34	22,471	1.7	2	.....
1977.....	3.50	46	97,548	5.5	104	.....
1978.....	4.50	51	64,173	3.4	179	.....
1979.....	4.50	45	122,084	5.4	275	1
1980.....	5.02	43	133,209	7.4	3,412	76
1981.....	5.02	40	221,486	11.1	23,319	512
1982.....	5.02	39	396,564	18.1	138	20,851
1983.....	5.02	39	100,210	6.1	300	5,844
1984.....	5.02	39	<sup>5</sup> 280,000	14.4	.....	.....

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>2</sup> Includes loans made, purchase agreements entered into, and direct purchases.

<sup>3</sup> Acquisitions through loans and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

<sup>4</sup> Price support not authorized for the 1975 crop.

<sup>5</sup> Preliminary.

Agricultural Stabilization and Conservation Service.



**Table 173.—Soybeans, soybean meal, and oil: Average price at specified markets, 1970-83**

Year <sup>1</sup>	Soybeans per bushel: No. 1 Yellow Chicago	Soybean oil per pound crude, tanks, fob Decatur	Soybean meal per short ton: 44 percent protein Decatur	Year <sup>1</sup>	Soybeans per bushel: No. 1 Yellow Chicago	Soybean oil per pound crude, tanks, fob Decatur	Soybean meal per short ton: 44 percent protein Decatur
	Dollars	Cents	Dollars		Dollars	Cents	Dollars
1970 .....	3.05	12.8	78.51	1977 .....	6.11	24.5	164.20
1971 .....	3.29	11.3	90.20	1978 .....	7.09	27.2	190.06
1972 .....	6.27	16.5	228.99	1979 .....	6.46	24.3	181.91
1973 .....	6.12	31.5	146.35	1980 .....	7.59	22.7	218.18
1974 .....	6.34	30.7	130.86	1981 .....	6.24	18.95	182.52
1975 .....	5.25	18.3	147.78	1982 .....	6.11	20.62	187.19
1976 .....	7.36	23.9	199.80	1983 .....	7.78	30.55	188.21

<sup>1</sup> Year beginning September for soybeans and October for oil and meal.

Economic Research Service.

**Table 174.—Soybeans: Area, yield, and production in specified countries and the world, 1982-83/1984-85<sup>1</sup>**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1982-83	1983-84	1984-85 <sup>3</sup>	1982-83	1983-84	1984-85 <sup>3</sup>	1982-83	1983-84	1984-85 <sup>3</sup>
	1,000 hect-ares	1,000 hect-ares	1,000 hect-ares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada .....	364	354	417	2.33	2.04	2.24	848	722	936
United States <sup>4</sup> .....	28,102	25,303	26,748	2.12	1.76	1.89	59,610	44,518	50,642
Mexico .....	350	350	350	1.57	1.71	1.57	550	600	550
Total .....	28,816	26,007	27,515				61,008	45,840	52,128
South and Central America:									
Argentina .....	2,281	2,800	3,150	1.84	2.42	2.10	4,200	6,775	6,600
Brazil .....	8,136	9,320	9,500	1.81	1.63	1.71	14,750	15,200	16,200
Paraguay <sup>5</sup> .....	350	420	470	1.49	1.31	1.60	520	550	750
Other .....	122	102	103				206	172	255
Total <sup>6</sup> .....	10,889	12,642	13,263				19,676	22,697	23,805
Europe:									
Bulgaria .....	69	64	75	1.68	1.28	1.33	116	82	100
Romania .....	269	275	310	1.12	.94	1.32	301	259	410
Other Europe .....	124	189	254				288	424	621
Total .....	463	528	639				705	765	1,181
Soviet Union (Europe and Asia) .....	876	842	772	.57	.67	.55	500	560	425
Africa:									
Egypt .....	60	67	46	2.77	2.42	3.11	166	162	143
Nigeria .....	165	200	205	.39	.25	.29	65	50	60
Zimbabwe .....	61	57	42	1.46	1.51	1.90	89	86	80
Other Africa .....	36	42	31				32	39	35
Total .....	322	366	324				352	337	318
Asia:									
Burma .....	29	29	29	.69	.69	.69	20	20	20
China .....	8,414	7,567	7,700	1.07	1.29	1.26	9,030	9,765	9,700
Taiwan .....	6	5	6	1.50	1.80	1.50	9	9	9
India .....	770	814	900	.65	.72	.83	491	583	750
Indonesia .....	633	702	779	.92	.89	.85	580	625	660
Iran .....	45	50	50	1.33	1.40	1.60	60	70	80
Japan <sup>5</sup> .....	147	143	134	1.54	1.52	1.78	226	217	238
Korea, Dem. Peop. Rep. of .....	300	300	300	1.10	1.10	1.10	330	330	330
Korea, Rep. of <sup>5</sup> .....	183	182	190	1.27	1.24	1.34	233	226	254
Thailand .....	124	158	182	.91	1.09	1.32	113	172	240
Turkey (Europe and Asia) .....	24	24	30	1.50	1.92	2.33	36	46	70
Other Asia .....	10	7	9				10	7	10
Total <sup>6</sup> .....	10,685	9,981	10,309				11,138	12,070	12,361
Oceania: Australia .....	48	48	70	1.10	1.85	1.50	53	89	105
World total <sup>6</sup> .....	52,099	50,415	52,893				93,434	82,360	90,275

<sup>1</sup> Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary. <sup>4</sup> Area harvested for beans. <sup>5</sup> Planted area.<sup>6</sup> Includes estimates for above countries for which data are not available and for minor producing countries. Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 175.—Soybeans, soybean oil, and soybean oilseed cake and meal: United States exports by country of destination, 1981/82–1983/84 <sup>1</sup>**

Continent and country of destination	Soybeans			Soybean oil <sup>3</sup>			Soybean oilseed cake and meal		
	1981/82	1982/83	1983/84 <sup>2</sup>	1981/82	1982/83	1983/84 <sup>2</sup>	1981/82	1982/83	1983/84 <sup>2</sup>
<b>North America:</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Barbados.....	0	0	0	1,601	2,501	1,856	11,426	8,743	8,557
Canada.....	309,585	324,488	248,192	5,403	7,466	9,804	339,588	401,396	427,551
Haiti.....	70,910	51,328	32,388	8,812	20,396	12,518	0	0	992
Jamaica.....	56,802	79,108	55,404	2,275	5,285	3,606	0	0	8,968
Mexico.....	345,490	858,838	1,423,102	91,142	16,336	68,081	33,375	202,603	0
Netherlands Antilles.....	0	0	0	1,454	1,763	1,814	1,647	1,541	1,400
Panama.....	0	14,250	19,152	21,662	16,350	15,657	11,168	14,524	15,239
<b>Total <sup>4</sup></b> .....	<b>816,395</b>	<b>1,372,001</b>	<b>1,794,598</b>	<b>181,462</b>	<b>107,447</b>	<b>177,959</b>	<b>565,137</b>	<b>786,553</b>	<b>635,441</b>
<b>South America:</b>									
Bolivia.....	0	0	0	1,942	2,306	2,160	0	0	0
Chile.....	30	0	0	1,679	32	3	0	0	0
Colombia.....	68,273	65,547	106,406	77,389	69,535	24,456	18,898	25,703	11,050
Ecuador.....	16,163	31,169	31,704	36,176	50,430	41,103	0	2,032	7,348
Peru.....	6,926	8,400	0	46,823	70,165	24,938	28,497	15,632	5,906
Surinam.....	0	0	0	516	90	0	7,295	10,936	8,937
Venezuela.....	65,258	62,623	105,160	42,712	55,885	50,547	518,004	464,008	527,233
<b>Total <sup>4</sup></b> .....	<b>321,973</b>	<b>205,949</b>	<b>244,398</b>	<b>213,272</b>	<b>248,477</b>	<b>143,420</b>	<b>578,863</b>	<b>520,867</b>	<b>564,205</b>
<b>Europe:</b>									
Belgium and Luxembourg.....	1,403,680	1,259,044	881,822	0	0	338	13,717	10,697	7,403
Czechoslovakia.....	11,147	1,600	0	0	0	0	76,381	34,013	0
Denmark.....	166,626	159,861	113,039	0	0	1	0	3,500	0
France.....	774,959	695,004	498,111	0	0	510	62,551	3,674	0
Germany, Fed. Rep. of.....	2,134,772	1,812,894	967,449	274	2	0	630,865	1,073,162	1,154,151
Greece.....	184,603	310,970	148,415	19	0	22	3,443	4,351	2,613
Iceland.....	0	0	0	13	8	20	0	0	0
Ireland.....	0	0	0	0	0	0	15,831	21,172	4,568
Italy.....	781,016	842,855	569,522	2	32	0	947,303	953,473	493,013
Netherlands.....	5,349,050	4,647,518	2,987,598	10	0	0	2,201,116	2,066,097	693,141
Norway.....	276,704	330,540	226,469	0	2	0	129	0	0
Poland.....	47,028	187,586	96,186	10,402	9,169	9,930	0	57,117	278,478
Spain.....	2,854,531	2,313,338	1,800,312	0	3	1	82,346	28,589	62,974
Sweden.....	0	6,562	0	7	111	38	2,224	8,059	0
Switzerland.....	370,575	440,903	417,775	0	2	0	516	31,589	48,222
United Kingdom.....	606,334	564,276	338,858	46	14	179	106,934	72,657	2,549
Yugoslavia.....	174,060	260,913	212,411	15,996	131,996	0	84,656	80,123	8,065
<b>Total <sup>4</sup></b> .....	<b>15,729,903</b>	<b>14,873,305</b>	<b>10,159,898</b>	<b>26,769</b>	<b>141,340</b>	<b>11,327</b>	<b>4,671,477</b>	<b>4,658,729</b>	<b>2,919,850</b>
<b>Soviet Union.....</b>	<b>682,798</b>	<b>198,639</b>	<b>408,431</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Africa:</b>									
Morocco.....	18,743	15,498	8,250	9,709	9,036	2,499	9,497	0	0
South Africa.....	5,528	3,338	0	4,388	1,124	2,033	83	5	5
Egypt.....	53,117	15,732	32,201	6,933	3,469	3,632	10,422	22,494	14,335
<b>Total <sup>4</sup></b> .....	<b>77,388</b>	<b>34,568</b>	<b>40,451</b>	<b>68,985</b>	<b>13,648</b>	<b>66,857</b>	<b>57,517</b>	<b>29,858</b>	<b>17,757</b>
<b>Asia:</b>									
Taiwan.....	1,059,192	1,299,792	1,381,548	2,040	4,395	1,448	0	0	481
India.....	0	0	0	68,403	54,870	169,366	0	0	0
Israel.....	438,607	380,393	429,021	311	388	473	0	15	0
Japan.....	4,196,437	4,579,789	4,393,593	43,484	5,410	4,751	51,658	35,405	8,200
Korea, Rep. of.....	489,419	733,450	733,295	42	21	51	64,001	79,975	60,015
Pakistan.....	0	0	199	259,899	236,700	216,124	0	4,999	2,032
Philippines.....	47,785	30,556	0	3,278	6,778	2,762	69,676	82,498	293,832
<b>Total <sup>4</sup></b> .....	<b>7,183,815</b>	<b>7,619,994</b>	<b>7,317,584</b>	<b>418,885</b>	<b>341,170</b>	<b>426,638</b>	<b>385,003</b>	<b>384,197</b>	<b>703,363</b>
<b>Oceania:</b>									
Australia.....	10,339	37,767	12,140	22,590	4,964	309	4,426	65,880	18,179
New Zealand.....	57	13	956	10,008	1,321	848	3,638	1,654	2,330
<b>Total <sup>4</sup></b> .....	<b>11,081</b>	<b>37,872</b>	<b>13,096</b>	<b>32,624</b>	<b>6,321</b>	<b>1,221</b>	<b>8,323</b>	<b>68,675</b>	<b>21,411</b>
<b>Grand total <sup>5</sup></b> .....	<b>25,285,392</b>	<b><sup>6</sup> 24,634,356</b>	<b>20,214,594</b>	<b>941,995</b>	<b>918,399</b>	<b>827,424</b>	<b>6,266,321</b>	<b>6,448,875</b>	<b>4,862,025</b>

See footnotes on page 134.

**Table 176.—Sunflower: Area, yield, production, and value, United States, 1970-84 <sup>1</sup>**

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	219	207	902	186,670	4.91	9,157
1971.....	405	392	1,050	411,680	5.09	20,973
1972.....	719	692	916	633,560	4.86	30,768
1973.....	678	666	1,080	719,070	8.52	61,243
1974.....	572	548	957	524,705	15.90	83,219
1975.....	787	709	1,109	786,010	10.80	84,962
1976.....	834	810	1,058	857,100	11.00	94,229
1977.....	2,321	2,205	1,252	2,760,470	10.20	280,428
1978.....	2,840	2,798	1,365	3,817,920	10.70	409,923
1979.....	5,555	5,410	1,349	7,296,110	9.05	659,962
1980.....	3,910	3,683	1,016	3,741,640	11.10	413,907
1981.....	3,865	3,811	1,177	4,487,410	10.80	485,358
1982.....	4,815	4,724	1,129	5,332,820	8.88	473,454
1983.....	3,110	3,063	1,044	3,195,500	13.10	418,764
1984 <sup>2</sup> .....	3,754	3,692	1,014	3,744,530	11.10	414,127

<sup>1</sup> Minnesota, North Dakota, South Dakota, and Texas; prior to 1977, Minnesota and North Dakota.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 177.—Sunflower, Oil Varieties: Area, yield, production, and value, United States, 1970-84 <sup>1</sup>**

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	77	73	945	69,000	4.13	2,850
1971.....	164	159	1,108	176,220	4.49	7,907
1972.....	510	493	939	463,010	4.70	21,779
1973.....	495	486	1,138	553,200	8.06	44,567
1974.....	321	309	1,010	312,025	16.70	51,976
1975.....	573	523	1,117	584,000	10.50	61,137
1976.....	616	600	1,072	643,200	10.70	68,796
1977.....	2,075	1,965	1,258	2,472,120	10.10	249,348
1978.....	2,598	2,559	1,369	3,508,520	10.70	375,975
1979.....	5,331	5,191	1,350	7,008,550	8.93	625,912
1980.....	3,649	3,442	1,019	3,508,710	10.90	383,339
1981.....	3,545	3,496	1,178	4,118,570	10.60	436,252
1982.....	4,566	4,479	1,126	5,045,390	8.70	439,154
1983.....	2,954	2,909	1,041	3,027,850	13.10	396,573
1984 <sup>2</sup> .....	3,517	3,460	1,011	3,499,400	10.80	377,458

<sup>1</sup> Minnesota, North Dakota, South Dakota, and Texas; prior to 1977, Minnesota and North Dakota.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 178.—Sunflower, Non-Oil Varieties: Area, yield, production, and value, United States, 1970-84 <sup>1</sup>**

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	142	134	878	117,670	5.36	6,307
1971.....	241	233	1,011	235,460	5.55	13,068
1972.....	209	199	857	170,550	5.27	8,989
1973.....	183	180	922	165,870	8.20	13,609
1974.....	251	239	890	212,680	14.70	31,243
1975.....	214	186	1,086	202,010	11.80	23,825
1976.....	218	210	1,019	213,900	11.90	25,433
1977.....	246	240	1,201	288,350	10.80	31,080
1978.....	242	239	1,315	314,400	10.80	33,948
1979.....	224	219	1,313	287,560	11.80	34,050
1980.....	261	241	967	232,930	13.10	30,568
1981.....	320	315	1,171	368,840	13.30	49,106
1982.....	249	245	1,173	287,430	11.90	34,300
1983.....	156	154	1,108	170,650	13.00	22,191
1984 <sup>2</sup> .....	237	232	1,057	245,130	15.00	36,669

<sup>1</sup> Minnesota, North Dakota, South Dakota, and Texas; prior to 1977, Minnesota and North Dakota.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 179.—Sunflower: Area, yield, production, and value, by States, 1983-84**

State	Area planted		Area harvested		Yield per harvested acre		Production		Season average price per cwt.		Value of production	
	1983	1984 <sup>1</sup>	1983	1984 <sup>1</sup>	1983	1984 <sup>1</sup>	1983	1984 <sup>1</sup>	1983	1984 <sup>1</sup>	1983	1984 <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
<b>Oil Varieties:</b>												
Minn.....	240	250	230	238	1,100	1,250	253,000	297,500	13.90	10.90	35,167	32,428
N. Dak.....	2,230	2,630	2,200	2,600	1,040	970	2,288,000	2,522,000	13.00	10.80	297,440	272,376
S. Dak.....	449	597	445	585	1,010	1,080	449,450	631,800	13.40	10.70	60,226	67,603
Tex.....	35	40	34	37	1,100	1,300	37,400	48,100	10.00	10.50	3,740	5,051
Total.....	2,954	3,517	2,909	3,460	1,041	1,011	3,027,850	3,499,400	13.10	10.80	396,573	377,458
<b>Non-Oil Varieties:</b>												
Minn.....	10	14	9	13	1,250	1,200	11,250	15,600	15.90	15.90	1,789	2,480
N. Dak.....	145	220	144	217	1,100	1,050	158,400	277,850	12.80	14.90	20,275	33,950
S. Dak.....	1	3	1	2	1,000	840	1,000	1,680	12.70	14.20	127	239
Total.....	156	237	154	232	1,108	1,057	170,650	245,130	13.00	15.00	22,191	36,669
<b>Total:</b>												
Minn.....	250	264	239	251	1,106	1,247	264,250	313,100	14.00	11.10	36,956	34,908
N. Dak.....	2,375	2,850	2,344	2,817	1,044	976	2,446,400	2,749,850	13.00	11.10	317,715	306,326
S. Dak.....	450	600	446	587	1,010	1,079	450,450	633,480	13.40	10.70	60,353	67,842
Tex.....	35	40	34	37	1,100	1,300	37,400	48,100	10.00	10.50	3,740	5,051
Total.....	3,110	3,754	3,063	3,692	1,044	1,014	3,198,500	3,744,530	13.10	11.10	418,764	414,127

<sup>1</sup> Preliminary.

Statistical Reporting Service.



**Table 180.—Sunflower seeds: Yield, and production in specified countries, 1982/83–1984/85 <sup>1</sup>**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>	1982/83	1983/84	1984/85 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada .....	77	47	71	1.22	1.08	1.35	94	51	96
Mexico .....	20	10	12	.65	1.00	1.25	13	10	15
United States .....	1,912	1,240	1,494	1.26	1.17	1.14	2,419	1,451	1,698
Total .....	2,009	1,297	1,577				2,526	1,512	1,809
South America:									
Argentina .....	1,902	1,989	2,350	1.21	1.11	1.45	2,300	2,200	3,400
Brazil .....	5	3	3	.80	1.00	1.00	4	3	3
Chile .....	3	5	10	1.66	1.40	1.50	5	7	15
Uruguay .....	35	65	80	.57	.46	.54	20	30	43
Total .....	1,945	2,062	2,443				2,329	2,240	3,461
Europe:									
France .....	282	416	476	2.30	1.99	1.86	650	828	886
Greece .....	4	9	35	2.00	2.22	1.49	8	20	52
Italy .....	51	70	90	1.78	2.07	1.89	91	145	170
Total .....	337	495	601				749	993	1,108
Other West Europe:									
Austria .....	0	0	0	.00	.00	.00	0	0	0
Portugal .....	20	25	30	.65	1.12	1.17	13	28	35
Spain .....	870	950	1,000	.86	.79	.97	750	750	970
Total .....	890	975	1,030				763	778	1,005
East Europe:									
Bulgaria .....	253	262	252	2.02	1.73	1.86	511	454	469
Czechoslovakia .....	22	22	26	1.64	1.59	1.65	36	35	43
Hungary .....	290	286	318	2.00	2.03	2.02	579	581	642
Romania .....	496	490	470	1.71	1.42	1.89	847	700	890
Yugoslavia .....	138	76	83	1.46	1.83	1.93	202	139	160
Total .....	1,199	1,136	1,149				2,175	1,909	2,204
North Africa:									
Egypt .....	6	5	7	2.17	2.00	1.86	13	10	13
Morocco .....	19	29	29	.63	.76	.76	12	22	22
Total .....	25	34	36				25	32	35
Other Africa:									
Zambia .....	41	45	45	.49	.44	.67	20	20	30
Zimbabwe .....	16	38	40	.31	.21	.33	5	8	13
South Africa .....	325	322	350	.62	.56	.87	202	180	306
Total .....	382	405	435				227	208	349
Middle East:									
Iran .....	10	10	10	.50	.50	.50	5	5	5
Israel .....	9	6	12	1.00	.83	.83	9	5	10
Turkey .....	530	550	580	1.13	1.25	1.12	600	685	650
Total .....	549	566	602				614	695	665
Asia:									
Burma .....	110	132	146	.63	.84	1.00	70	111	146
China .....	814	733	825	1.58	1.87	2.06	1,286	1,370	1,700
India .....	462	667	700	.49	.41	.50	230	272	350
Pakistan .....	23	18	26	.83	.83	.81	19	15	21
Total .....	1,409	1,550	1,697				1,605	1,768	2,217
Soviet Union .....	4,250	4,266	3,907	1.26	1.18	1.15	5,341	5,040	4,500
Oceania: Australia .....	176	234	377	.59	.73	.69	104	170	261
World total .....	13,298	13,146	13,981				16,522	15,409	17,649

<sup>1</sup> Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 181.—Peppermint oil: Area, yield, production, and value, United States, 1970-84

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	79.0	78.4	64	5,007	3.68	18,438
1971.....	65.5	64.7	58	3,746	4.10	15,377
1972.....	61.4	57.1	53	3,004	5.25	15,765
1973.....	59.6	58.7	54	3,173	7.89	25,036
1974.....	61.8	61.0	54	3,302	13.80	45,696
1975.....	( <sup>1</sup> )	68.1	55	3,753	12.60	47,120
1976.....		72.2	51	3,700	14.80	54,702
1977.....		86.9	51	4,409	14.30	63,209
1978.....		100.0	56	5,557	10.60	59,081
1979.....		90.9	53	4,815	9.91	47,693
1980.....		81.3	57	4,611	9.40	43,355
1981.....		69.5	60	4,191	9.39	39,359
1982.....		60.9	60	3,668	9.24	33,908
1983.....		61.3	63	3,867	10.10	39,152
1984 <sup>2</sup> .....		67.2	64	4,334	10.70	46,368

<sup>1</sup> Estimates discontinued.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 182.—Spearmint oil: Area, yield, production, and value, United States, 1970-84

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	33.2	32.6	65	2,126	4.64	9,875
1971.....	31.5	30.9	65	2,008	4.18	8,403
1972.....	25.6	24.6	61	1,511	5.14	7,766
1973.....	25.4	25.0	54	35	8.22	11,104
1974.....	26.9	26.4	55	1,463	10.70	15,666
1975.....	( <sup>1</sup> )	28.0	64	1,778	10.40	18,461
1976.....		29.0	58	1,686	12.30	20,778
1977.....		37.1	63	2,329	12.40	28,947
1978.....		46.1	70	3,244	7.46	24,200
1979.....		33.1	58	1,921	8.72	16,757
1980.....		31.3	68	2,139	9.61	20,554
1981.....		29.2	75	2,177	9.42	20,510
1982.....		22.8	59	1,355	12.60	17,067
1983.....		26.2	61	1,596	12.30	19,687
1984 <sup>2</sup> .....		27.9	72	2,019	13.00	26,157

<sup>1</sup> Estimates discontinued.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 183.—Mint Oil: Production and value, by States, 1982-84

State	Production			Price per pound			Value of production		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dol- lars</i>	<i>Dol- lars</i>	<i>Dol- lars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Peppermint:									
Idaho .....	353	307	396	8.70	9.60	9.80	3,071	2,947	3,881
Ind .....	409	361	288	12.50	10.40	10.00	5,113	3,754	2,880
Oreg .....	1,984	2,144	2,310	8.70	10.40	11.30	17,261	22,298	26,103
Wash .....	712	760	1,042	8.20	9.40	10.10	5,838	7,144	10,524
Wis .....	210	295	298	12.50	10.20	10.00	2,625	3,009	2,980
U.S .....	3,668	3,867	4,334	9.24	10.10	10.70	33,908	39,152	46,368
Spearmint:									
Idaho .....	106	110	170	14.70	14.20	14.40	1,558	1,562	2,448
Ind .....	176	163	156	13.70	12.70	13.80	2,411	2,070	2,153
Mich .....	125	118	125	14.30	13.00	13.60	1,788	1,534	1,700
Oreg .....	129	99	112	14.80	14.40	14.50	1,909	1,426	1,624
Wash .....	676	912	1,254	11.20	11.70	12.30	7,571	10,670	15,424
Wis .....	143	194	202	12.80	12.50	13.90	1,830	2,425	2,808
U.S .....	1,355	1,596	2,019	12.60	12.30	13.00	17,067	19,687	26,157

<sup>1</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 175

<sup>1</sup> For soybeans, year begins Sept. 1; for soybean oil and oilseed cake and meal, year begins Oct. 1.<sup>2</sup> Preliminary.<sup>3</sup> Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Bureau of the Census.<sup>4</sup> Includes quantities exported to countries not shown.<sup>5</sup> Total may not add due to rounding.<sup>6</sup> Includes 462,042 metric tons, 292,024 metric tons and 236,138 transshipped via Canada to unidentified countries in 1981/82, 1982/83, and 1983/84 respectively.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 184.—Olive oil:<sup>1</sup> Production in specified countries and the world, 1981-84**

Country	1981	1982	1983	1984 <sup>2</sup>	Country	1981	1982	1983	1984 <sup>2</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
<b>Europe:</b>					<b>Turkey .....</b>	170	60	170	40
France .....	2	2	2	3	<b>Total .....</b>	267	123	285	100
Greece .....	321	229	324	231					
Italy .....	606	430	430	824	<b>Africa:</b>				
Portugal .....	32	23	79	9	Algeria .....	18	15	16	13
Spain .....	479	300	666	258	Morocco .....	23	34	48	28
Yugoslavia .....	3	1	1	1	Tunisia .....	145	70	58	155
<b>Total .....</b>	<b>1,443</b>	<b>985</b>	<b>1,502</b>	<b>1,326</b>	Libya .....	8	8	7	8
					<b>Total .....</b>	<b>194</b>	<b>127</b>	<b>129</b>	<b>204</b>
<b>Middle East:</b>									
Israel .....	2	3	3	4	Argentina .....	14	13	16	13
Jordan .....	10	4	7	10	<b>Other countries .....</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>4</b>
Syria .....	83	44	97	31					
Lebanon .....	2	12	8	15	<b>World total .....</b>	<b>1,921</b>	<b>1,252</b>	<b>1,936</b>	<b>1,647</b>

<sup>1</sup> Production in marketing year beginning Nov. 1; excludes residue oil.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 185.—Margarine, actual weight: Supply and disposition, United States, 1970-84**

Year	Supply			Disposition		
	Production	Stocks, Jan. 1	Total supply	Exports and shipments	Domestic disappearance	
					Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1970 .....	2,230	52	2,282	13	2,223	10.8
1971 .....	2,290	46	2,336	13	2,266	10.9
1972 .....	2,364	57	2,421	13	2,339	11.1
1973 .....	2,359	69	2,428	13	2,354	11.1
1974 .....	2,398	61	2,459	15	2,380	11.1
1975 .....	2,399	64	2,463	17	2,386	11.0
1976 .....	2,628	60	2,688	20	2,601	11.9
1977 .....	2,535	67	2,602	20	2,502	11.4
1978 .....	2,520	80	2,600	31	2,499	11.2
1979 .....	2,553	70	2,623	25	2,517	11.2
1980 .....	2,593	81	2,674	24	2,576	11.3
1981 <sup>1</sup> .....	2,577	74	2,651	33	2,573	11.2
1982 .....	2,596	61	2,657	31	2,582	11.2
1983 .....	2,451	62	2,513	27	2,447	10.5
1984 <sup>2</sup> .....	2,481	65	2,546	93	2,472	10.5

<sup>1</sup> After 1980 includes exports only.<sup>2</sup> Preliminary.

Economic Research Service. Totals and per capita estimates computed from unrounded numbers.



**Table 186.—Margarine: Selected reported fats and oils used in manufacture, United States 1970-84**

Year	Vegetable oils			Animal fats <sup>1</sup>	Total <sup>2</sup>
	Soybean oil	Cottonseed oil	Corn oil		
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1970 .....	1,410	68	185	99	1,792
1971 .....	1,385	63	186	169	1,831
1972 .....	1,461	65	194	138	1,885
1973 .....	1,491	63	213	80	1,889
1974 .....	1,457	58	188	167	1,905
1975 .....	1,568	46	188	52	1,917
1976 .....	1,671	51	218	44	2,091
1977 .....	1,585	44	243	80	2,026
1978 .....	1,593	42	211	74	1,997
1979 .....	1,643	25	222	86	1,985
1980 .....	1,653	25	223	104	2,016
1981 .....	1,685	25	214	78	2,012
1982 .....	1,718	21	220	29	1,997
1983 .....	1,549	34	212	41	1,850
1984 .....	1,544	26	196	24	1,842

<sup>1</sup> Lard and edible tallow.<sup>2</sup> Includes small quantities of nuts, coconut, palm, and sunflower oil.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

**Table 187.—Shortening: Supply and disposition, United States 1970-84**

Year	Supply			Disposition		
	Factory and warehouse stocks, Jan. 1	Production	Total supply	Exports and shipments	Domestic disappearance	
					Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1970 .....	139	3,588	3,727	25	3,569	17.4
1971 .....	133	3,515	3,648	20	3,500	16.9
1972 .....	128	3,731	3,859	24	3,708	17.1
1973 .....	127	3,636	3,763	25	3,623	17.1
1974 .....	115	3,703	3,818	53	3,631	16.9
1975 .....	134	3,713	3,847	43	3,679	17.0
1976 .....	125	3,929	4,054	51	3,875	17.7
1977 .....	128	3,841	3,969	46	3,810	17.2
1978 .....	113	4,015	4,128	34	3,987	17.8
1979 .....	107	4,206	4,313	41	4,140	18.4
1980 .....	132	4,178	4,310	40	4,139	18.2
1981 .....	131	4,291	4,422	49	4,253	18.5
1982 .....	120	4,379	4,499	45	4,321	18.6
1983 .....	133	4,363	4,496	31	4,334	18.5
1984 <sup>1</sup> .....	131	5,057	5,188	30	5,029	21.0

<sup>1</sup> Preliminary.

Economic Research Service. Compiled from reports of the Commerce and Agriculture Departments.

**Table 188.—Shortening: Fats and oils used in manufacture, United States, 1970-84**

Year	Vegetable oils							Animal fats		Total primary and secondary fats and oils <sup>1</sup>
	Cotton-seed oil	Soybean oil	Coconut oil	Peanut oil	Corn oil	Palm oil	Other	Lard	Edible tallow	
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1970.....	276	2,182	45	( <sup>2</sup> )	( <sup>2</sup> )	n.a.	7	430	546	3,599
1971.....	168	2,047	57	( <sup>2</sup> )	( <sup>2</sup> )	140	11	520	575	3,537
1972.....	168	2,043	77	( <sup>2</sup> )	( <sup>2</sup> )	205	20	441	610	4,091
1973.....	199	2,268	86	( <sup>2</sup> )	( <sup>2</sup> )	184	29	341	536	3,696
1974.....	194	2,177	61	( <sup>2</sup> )	( <sup>2</sup> )	270	35	317	637	3,725
1975.....	154	2,025	106	( <sup>2</sup> )	( <sup>2</sup> )	604	69	166	602	3,728
1976.....	128	2,322	128	( <sup>2</sup> )	( <sup>2</sup> )	532	8	156	622	3,938
1977.....	160	2,279	78	( <sup>2</sup> )	( <sup>2</sup> )	371	9	185	748	3,855
1978.....	189	2,480	75	( <sup>2</sup> )	( <sup>2</sup> )	266	4	220	808	4,059
1979.....	169	2,680	93	( <sup>2</sup> )	( <sup>2</sup> )	222	3	316	713	4,213
1980.....	189	2,651	103	( <sup>2</sup> )	( <sup>2</sup> )	88	( <sup>3</sup> )	378	673	4,200
1981.....	136	2,767	125	( <sup>2</sup> )	( <sup>2</sup> )	217	( <sup>3</sup> )	315	724	4,304
1982.....	158	2,948	139	( <sup>2</sup> )	( <sup>2</sup> )	190	( <sup>3</sup> )	251	679	4,391
1983.....	139	2,914	152	( <sup>2</sup> )	( <sup>2</sup> )	213	( <sup>3</sup> )	277	632	4,363
1984 <sup>4</sup> .....	151	3,465	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	216	( <sup>3</sup> )	264	821	5,142

<sup>1</sup> Includes small quantities of corn, peanut, safflower, and sunflower oil.<sup>2</sup> Not included to avoid disclosure.<sup>3</sup> Not available. <sup>4</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

**Table 189.—Inedible tallow and grease: Supply and disposition, United States, and price per pound at Chicago, 1970-84**

Year	Supply					Disposition			Price of inedible tallow No. 1 at Chicago, per pound
	Stocks Jan. 1	Production	Imports	Total	Exports	Factory consumption			
						Total	Use in soap	Use in feed	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents
1970.....	348	4,877	7	5,232	2,241	2,554	602	1,098	7.1
1971.....	396	4,968	5	5,369	2,606	2,623	588	1,143	6.6
1972.....	380	4,834	2	5,216	2,349	2,762	640	1,111	6.0
1973.....	341	5,237	10	5,588	2,297	2,540	566	955	12.4
1974.....	356	5,527	12	5,895	2,620	3,029	632	1,148	15.3
1975.....	380	4,655	15	5,050	2,009	2,908	662	1,283	12.0
1976.....	277	5,675	9	5,961	2,331	3,367	764	1,464	13.2
1977.....	355	6,106	4	6,465	2,885	3,180	737	1,330	13.6
1978.....	344	5,815	3	6,162	2,698	3,220	695	1,390	16.0
1979.....	347	5,836		6,183	2,795	3,117	663	1,239	18.8
1980.....	390	5,916		6,306	3,254	2,979	666	1,246	14.3
1981.....	413	6,124		6,537	3,134	2,985	520	1,323	15.3
1982.....	451	6,026		6,477	3,035	2,898	545	1,418	12.8
1983.....	368	6,129		6,497	2,931	2,813	574	1,397	13.4
1984.....	322	5,881		6,203	2,325	2,941	623	1,346	17.5

Economic Research Service.

Table 190.—Fats, oils, and oilseeds (fat or oil equivalent): World production, 1981-82/1984-85

Commodity	World production <sup>1</sup>			
	1981-82	1982-83	1983-84	1984-85 <sup>2</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Edible vegetable oils:				
Cottonseed .....	3,466	3,362	3,451	4,203
Peanut .....	3,511	3,013	3,180	3,306
Soybean .....	12,980	13,790	12,924	13,334
Sunflower .....	5,152	5,789	5,618	6,255
Rapeseed .....	4,593	5,267	5,043	5,545
Olive <sup>3</sup> .....	1,337	1,911	1,648	1,648
Total .....	31,039	33,132	31,864	34,291
Palm oils:				
Coconut .....	2,857	2,678	2,340	2,637
Palm kernel .....	724	766	839	878
Palm .....	5,889	5,858	6,123	6,969
Total .....	9,470	9,302	9,302	10,484
Industrial oils:				
Linseed .....	627	638	718	612
Total .....	627	638	718	612
Animal fats:				
Butter (product content) .....	6,360	6,875	6,774	6,598
Tallow and grease .....	6,240	6,370	6,351	6,301
Total .....	12,600	13,245	13,125	12,899
Marine oils:				
Fish .....	1,313	1,122	1,350	1,366
Total .....	1,313	1,122	1,350	1,366
Total all commodities .....	55,049	57,439	56,359	59,652

<sup>1</sup> Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year.

<sup>2</sup> Preliminary.

<sup>3</sup> Excludes olive residue oil.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

Table 191.—Fats, oils, oilseeds, and oilseed cake and meal: Exports of selected items, United States, 1970–84

Year beginning January	Lard	Inedible animal tallow, greases, and oils <sup>1</sup>	Oilseeds and nuts				
			Cottonseed	Flaxseed	Peanuts unshelled	Peanuts shelled	Soybeans
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1970.....	165,980	1,191,716	22,084	74,330	1,125	54,099	11,954,519
1971.....	128,044	1,314,644	32,716	10,731	3,522	109,200	11,538,463
1972.....	74,565	1,148,787	3,089	268,168	15,408	181,055	11,995,712
1973.....	51,414	1,103,416	11,952	10,627	11,018	183,393	13,220,591
1974.....	73,204	1,291,210	44,277	9,296	24,060	240,307	13,939,781
1975.....	39,791	955,827	6,770	27,138	11,907	235,059	12,496,246
1976.....	81,900	1,157,959	64,810	10,401	7,393	128,931	15,332,100
1977.....	82,568	1,401,721	14,727	23,812	14,778	299,331	16,195,496
1978.....	54,237	1,228,256	42,908	2,392	40,117	354,736	20,704,536
1979.....	43,507	1,286,915	7,473	3,590	38,053	347,699	20,890,129
1980.....	41,914	1,516,948	189,057	3,912	24,558	297,679	21,778,536
1981.....	67,901	1,488,304	25,479	534	21,337	140,963	21,830,405
1982.....	46,709	1,413,331	37,563	15,047	28,442	193,889	25,474,898
1983.....	40,195	1,386,778	1,902	2,848	26,500	215,726	22,704,181
1984 <sup>2</sup> .....	40,358	1,267,436	54,597	6,365	26,119	259,541	19,550,604

  

Year beginning January	Vegetable oils							Oilseed cake and meal	
	Cocoa butter	Coconut oil	Cottonseed oil <sup>3</sup>	Linseed oil	Margarine	Peanut oil	Soybean oil <sup>3</sup>	Soybean	Other
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1970.....	1,139	4,339	169,588	21,895	1,955	14,529	681,182	3,660,321	136,924
1971.....	937	6,658	181,783	21,133	1,374	38,572	242,976	4,086,365	198,674
1972.....	834	4,364	215,780	84,814	1,723	27,533	594,562	3,615,238	233,945
1973.....	1,154	4,611	247,675	96,442	1,426	47,029	438,827	4,414,665	342,274
1974.....	834	2,754	276,673	52,940	1,884	20,786	762,094	4,909,653	241,131
1975.....	405	2,570	297,861	39,542	2,152	12,154	356,338	3,782,761	165,672
1976.....	443	19,890	236,293	9,477	2,893	47,821	510,007	4,862,126	179,298
1977.....	1,130	7,342	331,758	11,570	3,063	45,065	773,791	4,133,659	159,011
1978.....	240	5,230	330,765	24,687	3,430	40,339	929,282	5,914,130	338,577
1979.....	233	4,396	287,130	11,379	3,367	4,870	1,096,080	7,053,989	373,002
1980.....	441	4,863	356,276	24,846	3,647	18,102	818,730	6,344,614	466,625
1981.....	592	11,362	318,568	31,301	7,509	19,752	818,730	6,344,614	466,625
1982.....	999	10,337	387,525	9,943	6,007	9,598	932,857	6,220,742	224,285
1983.....	537	8,409	194,797	6,905	5,128	2,087	785,690	6,488,317	251,802
1984 <sup>2</sup> .....	1,447	16,634	171,299	22,847	4,200	6,685	1,008,517	4,469,675	185,682

<sup>1</sup> Includes edible and inedible tallow, choice white grease, wool grease, yellow grease, edible and inedible oleo and oleo stearine, and animal oils, fats and oils, n.e.c.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes shipments under P.L. 480 as reported by the Bureau of the Census.

Foreign Agricultural Service. Compiled from reports of the Commerce and Agriculture Departments.



Table 192.—Oilseeds, oils, and oilseed cake and meal: Imports of selected items, United States, 1970-84

Year beginning January	Oilseeds					
	Castor beans	Copra	Flaxseed	Peanuts unshelled	Peanuts shelled <sup>1</sup>	Poppy seed
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1970.....	3	197,631	35	127	98	2,990
1971.....	5	190,351	1,876	746	86	2,287
1972.....	5	208,980	11	825	448	3,511
1973.....	4	198,566	134	17	205	2,451
1974.....	4	26,623	13,123	70	175	1,856
1975.....	5	0	3,497	10	241	7,002
1976.....	3	0	32,921	210	69	2,539
1977.....	0	2	38,216	199	49	4,172
1978.....	0	4	28,408	168	64	2,685
1979.....	3	419	54,325	168	47	2,364
1980.....	3	0	30,808	362	80	2,661
1981.....	0	0	118,063	1,389	137,834	2,842
1982.....	2	52	50,919	100	903	3,314
1983.....	0	0	87,491	398	1,080	3,101
1984 <sup>2</sup> .....	1	0	76,179	31	972	4,346

  

Year beginning January	Oilseeds—continued			Vegetable oils			
	Rapeseed	Sesame seed	Soybeans	Cocoa butter	Castor oil	Coconut oil	Linseed oil
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1970.....	240	19,351	28	15,343	48,293	269,753	1
1971.....	206	20,612	25	15,637	34,689	285,148	14
1972.....	524	21,419	61	20,980	44,240	307,073	1
1973.....	15	23,952	310	15,198	45,962	326,703	155
1974.....	59	25,973	34	16,688	55,665	245,969	17
1975.....	4,625	20,248	41	15,515	31,130	394,207	39
1976.....	2,412	28,649	54	23,083	53,613	552,007	3
1977.....	205	28,357	105	17,730	50,452	456,639	19
1978.....	415	32,000	69	24,638	51,947	463,803	15
1979.....	509	32,099	269	30,839	48,676	444,432	9
1980.....	266	31,571	6,000	34,658	42,732	403,388	7
1981.....	265	37,954	8,498	43,197	40,389	470,330	14
1982.....	421	33,213	6,439	37,326	29,347	403,596	4
1983.....	535	42,789	2,505	47,981	33,680	449,389	3
1984 <sup>2</sup> .....	1,047	36,759	10,948	51,712	35,476	377,924	43

  

Year beginning January	Vegetable oils—continued						Total oilseed cake and meal
	Olive oil	Palm oil	Palm kernel oil	Peanut oil	Rapeseed oil	Tung oil	
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1970.....	28,499	63,897	37,438	20	3,287	8,234	7,835
1971.....	28,079	102,913	43,432	12	5,018	10,088	4,717
1972.....	30,594	195,551	45,823	10	5,172	9,797	15,040
1973.....	27,296	176,994	45,681	14	6,334	9,886	22,423
1974.....	24,364	186,626	66,129	504	7,696	9,542	18,779
1975.....	21,634	436,338	73,176	323	2,624	13,637	4,302
1976.....	28,303	351,889	63,425	528	5,511	15,653	35,232
1977.....	24,633	249,501	69,896	12	6,876	8,537	20,128
1978.....	28,087	146,431	57,233	19	6,451	8,125	8,977
1979.....	27,306	141,599	76,151	24	6,381	9,089	25,263
1980.....	25,553	115,891	83,294	30	6,422	7,366	26,420
1981.....	27,720	121,893	69,268	38	6,286	6,819	52,671
1982.....	29,255	113,403	85,638	72	6,891	6,531	66,136
1983.....	33,113	149,114	106,547	1,757	5,346	6,185	102,390
1984 <sup>2</sup> .....	41,147	147,706	91,683	929	5,259	6,318	116,155

<sup>1</sup> Includes blanched or roasted peanuts.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 193.—Inedible animal tallow, greases, and oils: <sup>1</sup> United States exports by region and country of destination, 1982-84

Continent and country	1982	1983	1984 <sup>2</sup>	Continent and country	1982	1983	1984 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North and Central America:				Other countries.....	6	571	2
Canada.....	6,415	2,958	3,137	Total.....	405,797	282,345	197,417
Dominican Republic.....	21,806	17,306	14,862	Soviet Union.....	39,533	54,539	55,545
El Salvador.....	23,244	33,048	36,669	Africa:			
Guatemala.....	19,790	16,355	23,821	Algeria.....	30,695	34,930	34,620
Haiti.....	16,203	18,274	20,563	Cameroon.....	2,020	3,009	2,094
Honduras.....	3,954	4,984	3,780	Ghana.....	.....	3,460	2,520
Jamaica.....	8,114	6,282	9,262	Kenya.....	1,147	2,097	3,279
Mexico.....	61,589	71,930	104,155	Madagascar.....	999	.....	0
Nicaragua.....	13,713	21,918	8,173	Morocco.....	7,793	7,392	3,442
Trinidad and Tobago.....	1,920	1,850	2,938	Nigeria.....	32,907	30,896	38,290
Other countries.....	6,350	9,480	5,549	Senegal.....	.....	.....	2,193
Total.....	183,098	204,385	232,909	Egypt.....	182,814	226,889	242,678
South America:				South Africa.....	22,484	21,039	10,058
Argentina.....	621	192	686	Ivory Coast.....	243	.....	0
Brazil.....	4,998	.....	17,048	Other countries.....	26,113	22,307	18,046
Chile.....	3,906	4,613	5,792	Total.....	307,215	352,019	357,220
Colombia.....	56,431	64,615	55,503	Asia:			
Ecuador.....	9,570	12,807	12,582	Bangladesh.....	.....	1,338	0
Peru.....	1,966	5,722	2,688	Iran.....	4,388	.....	0
Venezuela.....	22,074	22,445	27,608	China.....	13,992	.....	0
Other countries.....	1,660	6,979	485	Taiwan.....	50,420	36,460	19,447
Total.....	101,226	111,091	122,392	India.....	13,009	42,071	5
Europe:				Japan.....	69,469	56,470	40,959
Belgium and Luxembourg.....	25,363	11,503	11,120	Korea, Rep. of.....	64,834	80,991	83,773
France.....	19,408	13,060	5,822	Lebanon.....	8,328	3,216	1,543
Germany, Fed. Rep. of.....	51,897	39,064	22,168	Pakistan.....	85,545	83,771	99,104
Italy.....	21,945	4,960	0	Philippines.....	7,585	6,980	4,635
Netherlands.....	170,921	125,200	81,761	Singapore.....	174	82	668
United Kingdom.....	55,353	23,448	19,826	Turkey (Europe and Asia).....	22,603	22,820	23,759
Greece.....	26	82	29	Thailand.....	33	20	25
Norway.....	1,017	1,016	520	Other countries.....	849	786	2,246
Portugal.....	1,750	8,963	16,926	Total.....	341,229	335,005	276,164
Spain.....	34,768	41,778	36,734	Oceania.....	211	27	45
Switzerland.....	1,553	3,418	1,199	Grand total <sup>3</sup> .....	1,378,310	1,338,407	1,241,692
Poland.....	15,790	9,282	1,310				

<sup>1</sup> Includes inedible tallow and choice white grease; yellow grease; inedible oleo, and oleo stearin; and animal fats, oils, and greases, n.e.c.

<sup>2</sup> Preliminary.

<sup>3</sup> May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the Bureau of the Census, U.S. Department of Commerce.

Table 194.—Fats and Oils: Use in products for civilian consumption, total and per capita, U.S., 1970-84

Calendar year	Food products <sup>1</sup>													
	Butter (actual weight)		Lard (direct use)		Margarine (actual weight)		Baking and frying fats (shortening)		Salad and cooking oils		Other edible use		All food products (fat content)	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1970 .....	1,061	5.3	939	4.6	2,223	10.8	3,557	17.3	3,153	15.4	480	2.3	10,792	52.6
1971 .....	1,040	5.1	880	4.2	2,266	10.9	3,489	16.8	3,241	15.6	478	2.3	10,756	51.8
1972 .....	1,017	4.9	787	3.7	2,339	11.1	3,699	17.6	3,530	16.8	493	2.3	11,212	53.4
1973 .....	999	4.8	705	3.3	2,354	11.1	3,613	17.1	3,747	17.7	546	2.6	11,300	53.3
1974 .....	956	4.5	681	3.2	2,380	11.1	3,623	16.9	3,861	18.1	372	1.7	11,213	52.4
1975 .....	1,012	4.7	615	2.8	2,386	11.0	3,666	17.0	3,860	17.9	428	2.0	11,295	52.3
1976 .....	934	4.3	568	2.6	2,601	11.9	3,861	17.7	4,243	19.5	445	2.0	11,952	54.8
1977 .....	941	4.3	495	2.2	2,502	11.4	3,796	17.2	4,207	19.1	422	1.9	11,679	53.6
1978 .....	966	4.4	478	2.2	2,499	11.2	3,971	17.8	4,484	20.1	453	2.0	12,160	54.6
1979 .....	1,005	4.5	569	2.5	2,517	11.2	4,156	18.4	4,637	20.6	377	1.7	12,652	58.2
1980 .....	1,012	4.5	588	2.6	2,576	11.3	4,150	18.3	4,780	21.0	343	1.5	12,979	57.0
1981 .....	982	4.3	573	2.5	2,573	11.2	4,262	18.5	4,948	21.5	320	1.4	13,272	57.7
1982 .....	1,050	4.6	586	2.5	2,582	11.1	4,332	18.6	5,016	21.6	374	1.6	13,654	58.8
1983 .....	1,177	5.4	424	1.8	2,447	10.5	4,345	18.6	5,453	23.4	365	1.6	14,041	60.1
1984 <sup>2</sup> .....	1,182	5.0	491	2.1	2,472	10.3	5,029	21.1	4,606	19.3	395	1.6	13,444	56.3

  

Calendar year	Industrial products											
	Soap		Fatty acids		Animal feeds		Other industrial products		All industrial products <sup>3</sup>		All products <sup>4</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1970 .....	769	3.8	1,890	9.2	1,099	5.4	707	3.4	5,175	25.2	15,967	77.8
1971 .....	754	3.7	1,825	8.8	1,143	5.5	719	3.5	5,133	24.7	15,889	76.5
1972 .....	820	3.9	1,988	9.5	1,111	5.3	698	3.3	5,335	25.4	16,547	78.8
1973 .....	846	4.0	2,130	10.1	1,077	5.1	707	3.3	5,492	25.9	16,792	79.2
1974 .....	793	3.7	2,109	9.9	1,149	5.4	757	3.5	5,452	25.5	16,665	77.9
1975 .....	822	3.8	1,662	7.7	1,283	5.9	591	2.7	4,914	22.8	16,209	75.0
1976 .....	957	4.4	1,907	8.7	1,464	6.7	640	2.9	5,700	26.1	17,652	81.0
1977 .....	936	4.3	1,907	8.7	1,492	6.8	695	3.2	5,708	25.9	17,387	79.0
1978 .....	862	3.9	2,109	9.5	1,518	6.8	728	3.3	5,903	26.5	18,063	81.1
1979 .....	862	3.7	2,320	10.0	1,316	5.8	723	3.2	5,758	25.6	18,410	81.4
1980 .....	848	3.7	2,154	9.5	1,337	5.9	678	3.0	5,505	24.2	18,484	81.2
1981 .....	798	3.5	2,173	9.5	1,391	6.1	720	3.1	5,468	23.8	18,740	80.5
1982 .....	748	3.2	1,936	8.3	1,474	6.4	610	2.6	5,129	22.1	18,783	80.9
1983 .....	811	3.5	1,862	8.0	1,478	6.3	611	2.6	5,181	22.2	19,222	82.3
1984 <sup>2</sup> .....	1,015	4.3	2,028	8.5	1,443	6.1	635	2.6	4,596	19.2	18,040	75.5

<sup>1</sup> Domestic disappearance data are computed by ERS.<sup>2</sup> Preliminary.<sup>3</sup> Including paint, varnish, resin, plastic, and lubricants.<sup>4</sup> Including only fat content of butter and margarine.

Economic Research Service.

Table 195.—Fats and oils: Index numbers of wholesale prices, leading markets, United States, 1970-84

[1967=100]

Year	Sixteen items, excluding butter	Seventeen major fats and oils											
		All items	Classified by origin		Classified by use								
			Animal	Vegetable		Edible				Industrial			
				Domestic origin	Foreign origin	Butter	Lard	Other	All edible	Soap fats	Drying oils	Other uses	All industrial
1970.....	129.4	119.7	122.2	118.5	127.3	103.9	148.8	122.5	115.7	135.5	102.4	127.2	130.6
1971.....	130.7	119.9	118.2	125.8	108.0	102.3	137.4	129.6	116.4	135.2	95.2	199.9	129.2
1972.....	114.4	110.0	114.0	106.4	88.1	103.0	132.7	109.1	108.8	115.9	94.3	104.7	112.6
1973.....	208.2	168.9	167.8	171.4	188.8	97.1	253.3	178.8	150.3	229.4	168.2	207.5	220.1
1974.....	322.8	238.5	203.2	294.6	386.8	99.6	365.7	295.0	204.2	340.5	322.2	322.9	333.5
1975.....	262.3	207.8	200.2	219.5	166.7	118.0	368.3	215.0	189.2	257.2	270.4	217.0	258.8
1976.....	261.1	226.7	191.7	161.6	169.8	138.6	228.2	166.3	161.8	254.9	186.5	188.9	244.8
1977.....	306.6	263.7	219.4	191.1	228.1	147.4	271.7	202.5	191.0	283.4	194.8	244.1	268.2
1978.....	337.0	290.5	245.9	205.0	267.5	165.5	296.5	219.7	209.9	323.3	176.8	291.1	298.0
1979.....	372.3	327.6	282.0	223.9	372.5	190.7	327.0	231.4	255.3	390.9	219.8	291.5	361.3
1980.....	292.9	263.1	225.5	166.4	269.5	209.6	265.2	182.8	187.4	306.8	200.3	(1)	287.1
1981.....	314.3	282.7	257.6	144.8	226.2	222.1	287.3	153.1	205.3	311.9	187.8	(1)	291.2
1982.....	302.6	273.2	253.8	131.8	194.0	221.7	305.4	133.1	201.8	286.3	171.3	(1)	266.9
1983.....	319.0	285.4	265.8	151.5	241.1	221.1	316.0	171.0	224.0	292.9	177.3	(1)	271.5
1984.....	325.5	219.2	278.7	132.5	373.0	214.5	395.4	229.0	221.4	380.2	206.6	(1)	343.6

<sup>1</sup> Series discontinued.

Economic Research Service.

Table 196.—Fats and oils: Wholesale price per pound, 1980-84

Item and market	1980	1981	1982	1983	1984 <sup>1</sup>
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Butter, creamery, Grade A, (92 and 93-score) bulk, New York.....	145.5	170.0	177.7	176.9	171.1
Castor oil, No. 1, Brazilian, tanks, imported, New York.....	51.3	44.4	44.8	59.3	72.7
Coconut oil, crude, tanks, f.o.b., New York.....	33.6	27.1	24.7	34.8	60.2
Corn oil, crude, tank cars, f.o.b. Decatur.....	26.3	23.8	23.8	24.7	29.8
Cottonseed oil, crude, tank cars, f.o.b. Valley.....	25.1	24.1	19.2	25.1	32.9
Grease, A white, tank cars, delivered Chicago.....	17.2	17.2	15.7	n.a.	n.a.
Linseed oil, raw, tank cars, Minneapolis.....	28.6	31.5	27.0	26.8	24.2
Margarine, yellow quarters, f.o.b. Chicago.....	38.7	37.3	38.5	39.5	46.3
Olive oil, imported, edible, drums, New York.....	83.3			n.a.	n.a.
Palm kernel oil, CIF, bulk, U.S. ports.....	42.8	42.8	29.2	19.5	n.a.
Palm oil, U.S. ports.....	28.1	27.1	20.8	24.6	34.1
Peanut oil, crude, tank cars, f.o.b. southeast mills.....	30.9	37.6	25.9	35.5	n.a.
Rapeseed oil, refined (denatured), tanks, New York.....	46.6	58.8	56.0	55.3	55.3
Safflower oil, tanks, New York.....	46.5	55.2	72.5	72.5	70.1
Shortening, all vegetable, hydrogenated, 440-lb. drums, New York.....	43.5	44.2	n.a.	n.a.	n.a.
Soybean oil, crude, tank cars, f.o.b. Decatur <sup>2</sup> .....	22.7	19.0	16.8	23.5	31.0
Sunflower oil, crude, Minneapolis.....	21.6	31.1	24.1	24.5	34.2
Tallow, inedible, number delivered Chicago.....	14.3	15.3	12.8	13.5	17.5
Tung oil, imported, drums, f.o.b. New York.....	53.3	63.1	64.6	98.4	119.2

<sup>1</sup> Preliminary.<sup>2</sup> Soybean prices on Oct.-Sept. year.

n.a. Not available.

Economic Research Service. Compiled from the Chemical Marketing Reporter, the National Provisioner, the Wall Street Journal, and the U.S. Department of Labor.



## CHAPTER IV

# STATISTICS OF VEGETABLES AND MELONS

This chapter contains statistics on potatoes, sweet potatoes, and commercial vegetables and melons.

For potatoes and sweet potatoes, the estimates of area, production, value, and farm disposition pertain to the total crop and include quantities produced both for sale and for use on farms where grown. Potato statistics are shown on a within-year seasonal grouping of winter, spring, summer, and fall crops, by States. Some States have production in more than one seasonal group.

For processing vegetables, the estimates of area, production, and value for each of 5 crops relate to production used by commercial canners, freezers, and other processors, except dehydrators. These estimates include raw products grown by processors themselves and those grown under contract or purchased on the open market. This production and the actual area harvested are not duplicated in the fresh market estimates for the same commodities. The production of those vegetables used for processing for which regular processing estimates are not made is included in the fresh market estimates. However, with the vegetable program modifications implemented in 1973, the processed segment of production for asparagus, broccoli, carrots, and cauliflower, which was combined with fresh market production during the year, is published at the end of the season. Annual production, price, and value estimates for the portion processed are published beginning with 1970. In 1982, processing estimates for asparagus, beets, cabbage for kraut, cucumbers for pickles, lima beans and spinach were discontinued. Asparagus and cucumbers for pickles were reinstated in 1984.

### Seasonal Groups and Marketing Period

#### Prospective Area For Harvest

Winter: January, February, March

Summer: July, August, September

Spring: April, May, June

Fall: October, November, December

#### Acreage, Yield, Production, and Value

January through June

July through December

The seasonal patterns of harvest do not correspond precisely in all States to the estimating period or periods designated. In some cases, only one seasonal group is shown for a State, but marketing may be active in earlier or later months. Because of the small volume from this earlier or later area, the crop estimate has been placed in the seasonal group where the largest portion is harvested.

Commercial vegetables for fresh market include 10 principal vegetables and melon crops in the major producing States. Earlier years include the following additional crops: artichokes, lima beans, snap beans, brussels sprouts, cabbage, cantaloups, cucumbers, eggplant, escarole/endive, garlic, green peas, green peppers, spinach, and watermelon. These estimates relate to crops which are grown primarily for sale, and they do not include vegetables and melons produced in farm and nonfarm gardens. The bulk of the production of the principal vegetable and melon crops is for consumption in the fresh state. However, quantities used by processors of celery and onions are included, and separate estimates of commercial processing are not made for these crops. The commercial estimates of the principal crops include local market production from areas near consuming centers as well as production from well recognized commercial areas which specialize in producing supplies for shipment to distant markets.

For fresh market vegetables and melons, value per unit and total value are on a f.o.b. basis. For processed vegetables, value per unit and total value are at processing plant door.

**Table 197.—Vegetables, commercial: Area, production, and value of principal crops, United States, 1970-84**

Year	Area <sup>1</sup>			Production <sup>4</sup>			Value <sup>5</sup>		
	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1970 .....	1,673,670	1,581,160	3,204,830	11,357,800	9,297,200	20,655,000	1,233,222	410,189	1,643,411
1971 .....	1,609,960	1,558,460	3,168,420	11,361,050	9,922,550	21,283,600	1,438,946	439,980	1,878,926
1972 .....	1,648,110	1,584,490	3,232,600	11,578,050	10,241,600	21,819,650	1,607,022	466,633	2,073,655
1973 .....	1,636,610	1,727,010	3,363,620	11,907,200	10,661,650	22,568,850	1,857,859	550,632	2,408,491
1974 .....	1,557,570	1,775,810	3,333,380	12,016,750	11,794,050	23,810,800	1,885,149	929,785	2,814,934
1975 .....	1,542,110	1,874,480	3,416,590	11,993,700	13,533,250	25,526,950	2,159,168	1,036,635	3,195,803
1976 .....	1,577,350	1,624,640	3,201,990	12,509,950	11,048,850	23,558,800	2,260,078	786,606	3,046,684
1977 .....	1,578,830	1,638,120	3,216,950	12,741,050	12,612,450	25,353,500	2,351,737	945,180	3,296,917
1978 .....	1,643,650	1,611,960	3,255,610	13,140,000	11,323,490	24,463,490	2,786,530	874,768	3,661,298
1979 .....	1,645,520	1,652,480	3,298,000	13,480,750	12,576,010	26,056,760	2,931,404	1,030,239	4,011,643
1980 .....	1,617,770	1,427,130	3,044,900	13,339,650	10,806,620	24,146,270	3,193,362	864,449	4,057,811
1981 .....	1,617,950	1,353,540	2,971,490	13,858,450	10,416,530	24,274,980	3,700,690	904,896	4,605,586
1982 <sup>6</sup> .....	939,350	1,250,440	2,189,790	10,360,200	11,179,590	21,539,790	2,643,408	909,738	3,553,146
1983 .....	961,050	1,197,350	2,158,400	10,196,850	10,270,050	20,466,900	2,940,307	800,600	3,740,907
1984 <sup>7</sup> <sup>8</sup> .....	1,083,130	1,371,100	2,454,230	10,835,050	11,980,150	22,815,200	3,089,382	1,007,066	4,096,448

<sup>1</sup> Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested.

<sup>2</sup> Area, production, and farm value of the following 27 crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons.

<sup>3</sup> Area, production, and farm value of the following 9 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Production of other vegetables processed included in fresh market series of estimates.

<sup>4</sup> Production for fresh market excludes some quantities not marketed because of low prices or other economic factors.

<sup>5</sup> Value for all fresh market vegetables, except garlic, on f.o.b. basis. For processing vegetables, value at processing plant door.

<sup>6</sup> Beginning with crop year 1982, acreage, yield, production, price and value estimates have been discontinued for the following crops—fresh market vegetables: Artichokes, asparagus, snap beans, brussels sprouts, cabbage, cantaloups, cucumbers, eggplant, escarole/endive, garlic, green peppers, spinach, and watermelons; processing vegetables: Lima beans, beets, cabbage (sauerkraut), cucumbers (pickles), spinach, and asparagus. Estimates for these crops are not in *Agricultural Statistics*.

<sup>7</sup> Estimates for asparagus and cucumbers for pickles reinstated with the 1984 crop.

<sup>8</sup> Preliminary.

Statistical Reporting Service.

Table 198.—Vegetables, commercial: Area of principal crops, by States, 1982-84 <sup>1</sup>

State	For fresh market <sup>2</sup>			For processing <sup>4</sup>			Total		
	1982	1983	1984 <sup>3</sup>	1982	1983	1984 <sup>3</sup>	1982	1983	1984 <sup>3</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Ala.....	8,500	7,100	8,100	1,300	1,300	2,000	9,800	8,400	10,100
Ariz.....	45,170	51,600	53,800			<sup>s</sup>	45,170	51,600	53,800
Ark.....	2,100	1,900	1,900	3,600	3,300	3,100	5,700	5,200	7,100
Calif.....	421,500	429,900	485,500	243,400	242,200	254,600	664,900	672,100	740,100
Colo.....	16,300	18,300	19,400	1,390	1,100	3,190	17,690	19,400	22,590
Conn.....	4,200	4,600	4,500				4,200	4,600	4,500
Del.....				16,700	17,240	21,720	16,700	17,240	21,720
Fla.....	124,900	136,500	135,700	3,800	2,100	8,600	128,700	138,600	144,300
Ga.....	2,000	2,400	2,800	880	1,300	2,600	2,880	3,700	5,400
Hawaii.....	910	1,130	1,010				910	1,130	1,010
Idaho.....	4,900	4,900	4,600	29,100	24,800	27,930	34,000	29,700	32,530
Ill.....	3,800	3,700	5,200	58,800	55,300	61,300	62,600	59,000	66,500
Ind.....	2,000	1,100	3,000	9,600	11,000	15,780	11,600	12,100	18,780
Iowa.....				5,530	4,740	5,620	5,530	4,740	5,620
La.....	370	340	340				370	340	340
Maine.....				8,900	8,500	9,900	8,900	8,500	9,900
Md.....	2,200	2,800	2,530	18,400	16,700	19,500	20,600	19,500	22,030
Mass.....	8,360	9,270	8,760			<sup>s</sup>	8,360	9,270	8,760
Mich.....	37,500	37,700	57,500	26,800	26,700	46,400	64,300	64,400	103,900
Minn.....	2,300	2,090	3,250	184,700	176,700	194,650	187,000	178,790	197,900
Mo.....				500	430	1,150	500	430	1,150
N.J.....	23,400	21,600	24,300	14,900	10,600	14,340	38,300	32,200	38,640
N. Mex.....	9,300	9,200	7,200	180	220	220	9,480	9,420	7,420
N.Y.....	51,530	51,630	59,950	70,900	70,100	71,810	122,430	121,730	125,760
N.C.....	6,800	6,500	6,500	2,400	2,100	25,870	9,200	8,600	32,370
Ohio.....	19,060	19,300	18,990	18,950	19,100	20,700	38,010	38,400	39,690
Okla.....				1,300	800	1,500	1,300	800	1,500
Oreg.....	18,900	19,000	23,400	104,900	95,600	101,400	123,800	114,600	124,800
Pa.....	19,500	19,500	20,400	17,400	15,000	13,500	36,900	34,500	33,900
S.C.....	5,900	4,800	4,700	350	100	8,950	6,250	4,900	13,650
Tenn.....	4,300	4,200	4,200	6,900	4,900	5,300	11,200	9,100	9,500
Tex.....	66,500	65,300	63,400	5,300	4,100	20,200	71,800	69,400	83,600
Utah.....	2,000	1,900	2,200	2,640	2,590	2,250	4,640	4,490	4,450
Va.....	4,900	5,000	5,800	3,600	2,100	3,200	8,500	7,100	9,000
Wash.....	13,650	12,300	42,700	121,500	105,300	99,900	135,150	117,600	142,600
W. Va.....				20	30	60	20	30	60
Wis.....	6,600	5,490	7,500	265,800	271,300	300,600	272,400	276,790	308,100
Other States <sup>5</sup> .....						3,260			3,260
U.S.....	939,350	961,050	1,083,130	1,250,440	1,197,350	1,371,100	2,189,790	2,158,400	2,456,330

<sup>1</sup> Area for fresh market is area for harvest. Area for processing is area harvested.<sup>2</sup> Area of the following crops for which regular seasonal estimates are prepared in major producing States: Broccoli, carrots, cauliflower, celery, sweet corn, honeydew melons, lettuce, onions, and tomatoes.<sup>3</sup> Preliminary.<sup>4</sup> Includes snapbeans, sweet corn, green peas, and tomatoes, 1982 and 1983; Estimates for asparagus and cucumbers for pickles reinstated and included in 1984. Other vegetables processed (dual purpose) included in fresh market series of estimates.<sup>5</sup> Arizona, Kentucky, Massachusetts, Mississippi, Nebraska, and South Dakota.

Statistical Reporting Service.

Table 199.—Vegetables, commercial: Production of principal crops, by States, 1982-84

State	For fresh market <sup>1</sup>			For processing <sup>2</sup>			Total		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Ala.....	27,050	18,900	26,750	2,630	2,070	2,800	29,680	20,970	29,550
Ariz.....	660,000	678,800	649,550			(*)	660,000	678,800	649,550
Ark.....	10,000	8,200	9,000	10,040	7,330	4,370	20,040	15,530	13,370
Calif.....	5,291,900	5,185,300	5,550,450	6,172,160	5,991,780	6,666,580	11,464,060	11,177,080	12,217,030
Colo.....	226,200	245,900	304,000	15,750	17,550	32,700	241,950	263,450	336,700
Conn.....	13,250	16,550	13,050				13,250	16,550	13,050
Del.....				61,670	49,210	72,270	61,670	49,210	72,270
Fla.....	1,186,250	1,299,550	1,269,200	24,600	18,900	41,700	1,210,850	1,318,450	1,310,900
Ga.....	10,000	10,300	12,600	2,200	2,260	9,580	12,200	12,560	22,180
Hawaii.....	8,600	10,450	8,950				8,600	10,450	8,950
Idaho.....	123,750	123,750	116,150	200,360	137,740	159,310	324,110	150,490	275,460
Ill.....	15,200	15,750	17,250	261,200	213,980	285,120	276,400	229,780	302,370
Ind.....	12,500	6,600	7,650	151,960	148,050	202,780	164,460	154,650	210,430
Iowa.....				32,300	26,980	34,030	32,300	26,980	34,030
La.....	2,150	1,700	1,450				2,150	1,700	1,450
Maine.....				10,950	9,690	10,590	10,950	9,690	10,590
Md.....	11,550	12,600	14,500	115,920	74,600	138,280	127,470	87,200	152,780
Mass.....	41,150	44,700	43,250		74,600	(*)	41,150	41,700	37,950
Mich.....	377,150	356,050	416,250	246,470	227,680	330,550	623,620	583,730	746,800
Minn.....	36,150	30,000	29,650	796,109	590,170	790,170	832,250	620,170	819,820
Mo.....				1,750	1,310	3,470	1,750	1,310	3,470
N.J.....	135,250	109,300	128,200	131,530	80,360	111,480	266,780	189,660	239,680
N. Mex.....	145,250	128,800	96,950	2,160	2,500	3,800	147,410	131,300	100,750
N.Y.....	450,700	351,500	393,350	275,580	256,590	278,390	726,280	608,090	671,740
N.C.....	30,950	27,600	26,750	17,730	10,160	87,970	48,680	37,760	114,720
Ohio.....	107,000	112,550	112,500	368,480	406,680	445,850	475,480	519,230	558,350
Okla.....				4,500	2,480	2,250	4,500	2,480	2,250
Oreg.....	340,450	331,850	420,200	580,070	495,640	567,470	920,520	827,490	987,670
Pa.....	74,900	60,950	96,300	116,000	101,970	93,470	190,900	162,920	189,770
S.C.....	63,450	46,800	56,400	430	90	35,380	63,880	46,890	91,780
Tenn.....	26,900	21,000	31,500	17,870	8,920	11,340	44,770	29,920	42,840
Tex.....	521,450	576,000	497,000	31,230	22,350	78,660	552,680	598,350	575,660
Utah.....	36,500	28,500	34,650	9,500	7,810	8,150	46,000	36,310	42,800
Va.....	32,700	25,200	44,600	32,650	13,210	18,180	65,350	38,410	62,780
Wash.....	216,650	203,650	272,250	585,150	452,560	375,700	801,800	656,210	647,950
W. Va.....				330	310	1,130	330	310	1,130
Wis.....	125,200	108,050	134,700	900,320	889,120	1,062,650	1,025,520	997,170	1,197,350
Other States <sup>4</sup> .....						13,980			13,980
U.S.....	10,360,200	10,196,850	10,835,050	11,179,599	10,344,650	11,980,150	21,539,790	20,352,950	22,859,900

<sup>1</sup> Production of the following crops for which regular seasonal estimates are prepared in major producing States: Broccoli, carrots, cauliflower, celery, sweet corn, honeydew melons, lettuce, onions, and tomatoes.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes snapbeans, sweet corn, green peas, and tomatoes, 1982 and 1983; Estimates for asparagus and cucumbers for pickles reinstated and included in 1984. Other vegetables processed (dual purpose) included in fresh market series of estimates.

<sup>4</sup> Arizona, Kentucky, Massachusetts, Mississippi, Nebraska, and South Dakota.

Statistical Reporting Service.



Table 200.—Vegetables, commercial: Value of principal crops, by States, 1982–84

State	For fresh market <sup>1</sup>		1984	For processing <sup>3</sup>		1984 <sup>2</sup>	Total		1984 <sup>2</sup>
	1982	1983		1982	1983		1982	1983	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	9,864	9,418	16,900	447	464	557	10,311	9,882	17,457
Ariz.....	191,190	156,523	129,838				191,190	156,523	129,838
Ark.....	7,480	4,675	5,470	1,657	1,363	769	9,137	6,038	6,239
Calif.....	1,293,277	1,427,063	1,553,128	427,168	397,515	445,352	1,720,445	1,824,578	1,998,480
Colo.....	31,922	56,045	64,969	1,208	1,225	3,574	33,130	57,270	68,543
Conn.....	3,578	4,435	3,758				3,578	4,435	3,758
Del.....				8,258	5,639	9,783	8,258	5,639	9,783
Fla.....	462,515	562,666	537,314	2,220	1,530	8,768	464,735	564,196	546,082
Ga.....	4,660	5,047	6,300	473	497	1,647	5,133	5,544	7,947
Hawaii.....	5,170	6,173	5,561				5,170	6,173	5,561
Idaho.....	12,090	32,877	20,890	15,584	11,463	12,531	27,674	44,340	33,421
Ill.....	2,684	3,497	4,171	25,535	21,045	27,777	28,219	24,542	31,948
Ind.....	3,750	3,062	4,683	13,471	12,868	17,862	17,221	15,930	22,545
Iowa.....				1,810	1,916	2,470	1,810	1,916	2,470
La.....	1,492	1,261	1,146				1,492	1,261	1,146
Maine.....				2,146	2,112	1,853	2,146	2,112	1,853
Md.....	2,980	3,755	5,084	10,404	6,197	14,552	13,384	9,952	19,636
Mass.....	13,842	13,460	14,443				13,842	13,460	14,443
Mich.....	65,411	92,688	95,466	25,333	22,051	36,810	90,744	114,739	132,276
Minn.....	4,702	4,808	3,831	64,003	46,988	69,188	68,705	51,796	73,019
Mo.....				280	210	576	280	210	576
N.J.....	44,927	31,928	35,145	14,330	7,990	12,953	59,257	39,918	48,098
N. Mex.....	28,052	33,483	21,505	184	213	323	28,236	33,696	21,828
N.Y.....	92,617	104,495	94,110	33,220	30,309	31,338	125,837	134,804	125,448
N.C.....	6,667	6,737	7,841	1,995	1,325	13,937	8,662	8,062	21,778
Ohio.....	24,809	31,377	30,821	32,841	34,451	42,788	57,650	65,828	73,609
Okla.....				720	397	360	720	397	360
Oreg.....	37,969	81,329	78,157	58,862	49,347	62,637	96,831	130,676	140,794
Pa.....	20,495	19,343	26,636	11,591	9,557	9,544	32,686	28,900	36,180
S.C.....	36,420	18,720	23,124	85	19	6,885	36,505	18,739	30,009
Tenn.....	12,428	8,400	8,694	3,645	1,784	2,313	16,073	10,184	11,007
Tex.....	177,142	151,620	173,450	3,012	2,191	9,772	180,154	153,811	183,222
Utah.....	1,669	5,413	4,305	2,145	1,493	1,432	3,814	6,906	5,737
Va.....	11,913	9,343	21,239	3,366	1,132	1,921	15,279	10,475	23,160
Wash.....	20,458	36,493	76,688	59,824	42,051	47,184	80,282	78,544	123,872
W. Va.....				30	28	98	30	28	98
Wis.....	11,235	14,173	14,715	83,891	85,230	107,098	95,126	99,403	121,813
Other States <sup>4</sup> .....						2,414			2,414
U.S.....	2,643,408	2,940,307	3,089,382	909,738	800,600	1,007,066	3,553,746	3,740,907	4,096,448

<sup>1</sup> Value of the following crops for which regular seasonal estimates are prepared in major producing States: Broccoli, carrots, cauliflower, celery, sweet corn, honeydew melons, lettuce, onions, and tomatoes.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes snapbeans, sweet corn, green peas, and tomatoes, 1982 and 1983; Estimates for asparagus and cucumbers for pickles reinstated and included in 1984. Other vegetables processed (dual purpose) included in fresh market series of estimates.

<sup>4</sup> Arizona, Kentucky, Massachusetts, Mississippi, Nebraska, and South Dakota.  
Statistical Reporting Service.

**Table 201.—Beans, snap (for processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 1970-84**

Year	Area harvested	Yield per acre	Production	Value <sup>1</sup>		Year	Area harvested	Yield per acre	Production	Value <sup>1</sup>	
				Per ton	Total					Per ton	Total
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970 .....	227,770	2.50	570,150	95.60	54,480	1978 .....	280,350	2.56	716,600	146.00	104,630
1971 .....	240,200	2.48	596,650	92.60	55,264	1979 .....	285,420	2.69	769,130	153.00	117,869
1972 .....	255,440	2.40	613,400	100.00	61,538	1980 .....	255,690	2.75	704,230	156.00	110,034
1973 .....	292,180	2.54	741,650	103.00	76,241	1981 .....	218,300	3.08	672,170	166.00	111,394
1974 .....	291,080	2.57	748,350	157.00	117,654	1982 .....	204,410	3.15	643,860	166.00	106,610
1975 .....	273,580	2.43	665,200	153.00	102,096	1983 .....	196,730	2.99	587,410	160.00	94,252
1976 .....	237,170	2.49	590,700	139.00	81,895	1984 <sup>2</sup> .....	216,640	3.07	666,110	171.00	113,935
1977 .....	257,640	2.62	675,450	145.00	98,170						

<sup>1</sup> Price and value at processing plant door.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 202.—Beans, snap (for processing), commercial crop: Area, production, and value per ton, by States, 1982-84**

State	Area			Production			Value per unit		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Ark.....	3,600	3,300	3,100	10,040	7,330	4,370	165.00	186.00	176.00
Colo.....	530			1,920			142.00		
Fla.....	2,000	600	2,500	3,000	900	3,750	200.00	200.00	300.00
Ind.....	1,100	1,900	2,800	3,530	2,380	8,620	129.00	177.00	190.00
Md.....	2,600			6,320			217.00		
Mich.....	14,200	14,800	17,500	36,640	41,440	49,000	145.00	144.00	136.00
N.J.....	9,300	6,200	8,000	24,740	11,280	22,480	202.00	200.00	202.00
N.Y.....	35,600	33,800	32,800	100,390	88,220	82,660	178.00	178.00	181.00
N.C.....	1,500			4,130			190.00		
Oreg.....	25,700	22,400	23,900	133,380	123,650	128,340	169.00	159.00	176.00
Pa.....	6,200	4,500	4,900	13,390	7,920	14,110	201.00	198.00	200.00
Tenn.....	6,900	4,900	5,300	17,870	8,920	11,340	204.00	200.00	204.00
Wash.....	2,100	1,400	1,100	7,390	5,520	3,690	166.00	147.00	223.00
Wis.....	64,500	72,400	77,600	190,280	210,680	235,130	137.00	140.00	152.00
Other States <sup>2</sup> .....	28,580	30,530	37,140	90,840	79,170	102,620	188.00	190.00	194.00
Total .....	204,410	196,130	216,640	643,860	587,410	666,110	166.00	160.00	171.00

<sup>1</sup> Preliminary.<sup>2</sup> 1982—Alabama, California, Delaware, Georgia, Idaho, Illinois, Minnesota, Missouri, Ohio, Oklahoma, South Carolina, Texas, Utah, and Virginia. 1983—Alabama, California, Delaware, Georgia, Idaho, Illinois, Maryland, Minnesota, Missouri, North Carolina, Ohio, Oklahoma, South Carolina, Texas, Utah, and Virginia. 1984—Alabama, California, Delaware, Georgia, Idaho, Illinois, Iowa, Maryland, Minnesota, Missouri, North Carolina, Oklahoma, South Carolina, Texas, Utah, and Virginia.

Statistical Reporting Service.

**Table 203.—Broccoli, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1970–84<sup>1</sup>**

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Production	Value <sup>3</sup>		Production	Value <sup>4</sup>	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 cwt.	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1970.....	41,140	76	3,138	9.71	30,482	977	13.40	13,072	108,050	161.00	17,410
1971.....	42,770	74	3,171	11.20	35,577	1,286	14.80	19,002	94,250	176.00	16,575
1972.....	47,300	77	3,644	10.80	39,451	1,375	14.10	19,436	113,450	176.00	20,015
1973.....	53,940	85	3,502	12.10	42,476	1,497	15.70	23,517	100,250	189.00	18,959
1974.....	49,400	60	3,933	14.20	55,912	1,590	17.10	27,264	117,150	245.00	28,648
1975.....	49,650	79	3,940	15.10	59,444	2,035	17.40	35,376	95,250	253.00	24,068
1976.....	52,800	81	4,289	15.90	68,204	2,234	19.00	42,495	102,750	250.00	25,709
1977.....	70,890	80	5,694	16.30	92,748	2,572	19.70	50,562	156,100	270.00	42,186
1978.....	68,300	79	5,399	18.10	97,619	2,647	21.70	57,330	137,600	293.00	40,289
1979.....	70,900	89	6,301	19.20	120,913	3,255	22.20	72,286	152,300	319.00	48,627
1980.....	77,850	87	6,753	21.40	144,613	3,195	23.50	89,327	147,900	374.00	55,286
1981.....	78,520	96	7,522	23.30	175,132	4,517	26.30	118,645	150,240	376.00	56,487
1982.....	92,000	96	8,819	23.90	211,086	5,414	26.70	144,637	170,220	390.00	66,449
1983.....	91,800	91	8,349	25.20	210,774	5,605	28.20	157,950	137,220	385.00	52,824
1984 <sup>5</sup> .....	106,800	96	10,299	23.10	238,257	6,757	25.10	169,341	177,090	389.00	68,916

<sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight); 46 in 1970 and 22 in 1973.<sup>3</sup> Price and value on f.o.b. basis.<sup>4</sup> Price and value at processing plant door.<sup>5</sup> Preliminary.

Statistical Reporting Service.

**Table 204.—Broccoli, commercial crop: Area, production, and value per hundredweight, and per ton, by States, 1982–84<sup>1</sup>**

Season and State	Area			Production			Value per unit		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
Jan.–June:									
Ariz.....	550	700	1,000	41	54	76	35.00	27.00	27.70
Calif.....	41,800	38,900	52,200	4,180	3,501	5,481	23.80	26.10	21.70
Tex.....	3,200	3,300	2,700	282	277	159	47.70	37.70	45.50
Total.....	45,550	42,900	55,900	4,503	3,832	5,716	25.40	26.90	22.40
July–Dec.:									
Ariz.....	250	300	600	15	23	40	28.70	29.10	26.00
Calif.....	40,000	43,100	43,500	3,760	4,051	3,959	21.70	22.80	23.50
Oreg.....	1,800	2,000	2,000	198	170	176	19.60	20.00	20.10
Tex.....	4,400	3,500	4,800	343	273	408	32.00	40.20	30.50
Total.....	46,450	48,900	50,900	4,316	4,517	4,583	22.40	23.80	24.00
U.S.....	92,000	91,800	106,800	8,819	8,349	10,299	23.90	25.20	23.10

  

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
Calif.....	4,748	5,026	6,146	24.90	26.80	23.90	159,600	126,300	164,700	394.00	390.00	394.00
Other States <sup>3</sup> .....	666	579	611	39.90	40.40	36.50	10,620	10,920	12,390	336.00	327.00	325.00
U.S.....	5,414	5,605	6,757	26.70	28.20	25.10	170,220	137,220	177,090	390.00	385.00	389.00

<sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.<sup>2</sup> Preliminary.<sup>3</sup> Includes Arizona, Oregon, and Texas in "For fresh market;" includes Oregon and Texas in "For processing."

Statistical Reporting Service.

Table 205.—Carrots, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1982-84

Season and State	Area			Production			Value per unit		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Jan.-June:									
Ariz.....	2,600	3,100	2,800	442	543	378	12.80	9.89	14.80
Calif.:									
Desert.....	8,900	11,900	10,700	2,848	2,975	2,943	11.10	10.20	13.70
Other.....	11,500	12,000	13,400	3,853	4,020	4,422	11.60	9.61	12.60
Tex.....	10,100	11,000	11,100	1,591	2,255	1,721	10.20	8.85	15.20
Total.....	33,100	38,000	38,000	8,734	9,793	9,464	11.20	9.62	13.50
July-Dec.:									
Ariz.....	70	100	0	7	12	0	9.28	16.10	0
Calif.:									
Desert.....	600	600	500	126	138	120	10.40	13.90	11.40
Other.....	14,900	15,500	16,700	4,619	4,495	4,509	8.35	12.20	10.80
Colo.....	1,000	1,100	1,000	350	248	280	10.10	13.80	12.60
Mich.....	6,700	7,200	7,500	1,709	1,656	2,025	7.53	11.20	10.10
Minn.....	1,500	1,300	1,300	555	442	429	7.23	7.02	5.75
N.Y.....	1,600	1,600	1,600	528	520	568	8.63	7.20	5.82
Oreg.....	2,300	1,300	1,200	1,001	540	516	4.53	5.29	5.11
Tex.....	5,100	4,300	2,800	856	946	378	11.20	7.94	14.60
Wash.....	4,800	4,000	4,300	2,088	1,600	1,828	3.56	5.54	5.99
Wis.....	4,000	3,200	5,200	1,800	1,488	1,898	4.28	4.74	4.83
Other States <sup>3</sup> .....	1,780	2,100	1,940	788	760	896	3.13	2.95	3.13
Total.....	44,350	42,300	44,040	14,427	12,845	13,447	6.70	8.91	8.24
U.S.....	77,450	80,300	82,040	23,161	22,638	22,911	8.64	9.27	10.50

  

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Ariz.....	449	555	378	12.70	10.00	14.80						
Calif.....	9,787	9,220	9,884	11.30	12.70	13.80	82,950	120,400	105,500	64.60	69.40	74.90
Colo.....	350	218	280	10.10	13.80	12.60						
Mich.....	1,092	1,133	1,425	10.30	15.30	13.20	30,860	26,130	30,000	52.50	48.40	51.70
Minn.....	281	167	151	11.60	13.50	11.90	13,690	13,730	13,920	55.00	61.90	48.10
N.Y.....	221	214	178	16.30	12.70	11.50	15,310	15,310	19,500	62.10	68.10	64.50
Oreg.....	182	108	86	15.50	17.80	19.80	40,950	21,600	21,500	41.80	43.40	43.40
Tex.....	1,870	2,273	1,819	13.50	11.60	17.30	28,820	46,400	14,000	22.00	22.00	23.00
Wash.....	342	388	453	12.50	16.60	16.50	87,320	60,600	68,770	36.20	40.10	50.40
Other States <sup>4</sup> .....	190	172	215	11.00	12.90	12.80	119,900	103,800	128,930	67.50	68.20	71.50
U.S.....	14,764	14,448	14,869	11.70	12.80	14.30	419,830	407,970	402,120	53.10	56.30	63.00

See footnotes on page 153.



**Table 206.—Carrots, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1970–84**

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Production	Value <sup>2</sup>		Production	Value <sup>3</sup>	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	77,570	234	18,156	3.63	65,953	10,952	5.09	55,783	360,200	28.20	10,170
1971.....	72,330	261	18,866	5.02	94,738	11,671	7.18	83,753	359,750	30.50	10,985
1972.....	75,800	259	19,605	5.14	100,749	12,571	7.21	90,651	351,700	28.70	10,098
1973.....	83,800	266	22,284	4.76	106,034	12,857	7.20	92,532	471,350	28.60	13,502
1974.....	78,550	292	22,924	5.28	121,145	13,289	7.66	101,811	481,750	40.10	19,334
1975.....	70,080	271	19,016	6.88	130,891	12,423	9.38	116,516	329,650	43.60	14,375
1976.....	73,460	262	19,278	5.88	113,371	12,353	8.08	99,785	346,250	39.20	13,586
1977.....	69,630	277	19,271	7.20	138,664	10,735	11.20	120,026	426,800	43.70	18,638
1978.....	76,770	258	19,824	6.74	133,603	11,374	10.00	114,275	422,520	45.70	19,328
1979.....	86,040	257	22,124	7.16	158,376	12,880	10.60	136,863	462,200	46.50	21,513
1980.....	81,800	255	20,888	8.33	173,905	13,704	11.30	154,853	359,170	53.00	19,052
1981.....	84,350	259	21,831	9.11	198,961	14,511	12.30	178,758	365,960	55.20	20,203
1982.....	86,850	277	24,082	8.64	208,000	14,764	11.70	172,550	419,830	53.10	22,280
1983.....	90,300	263	23,738	9.27	220,158	14,478	12.80	185,626	407,970	56.30	22,982
1984 <sup>4</sup> .....	92,640	255	23,642	10.50	249,108	14,869	14.30	213,112	402,120	63.00	25,323

<sup>1</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight); 170 in 1975, 243 in 1976, 5 in 1977, and 37 in 1978. <sup>2</sup> Price and value on f.o.b. basis. <sup>3</sup> Price and value at processing plant door. <sup>4</sup> Preliminary.

Statistical Reporting Service.

**Table 207.—Cauliflower, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, 1970–84<sup>1</sup>**

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Production	Value <sup>3</sup>		Production	Value <sup>4</sup>	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	24,060	96	2,298	9.48	21,786	1,354	12.40	16,776	47,200	106.00	5,010
1971.....	24,960	98	2,456	10.20	25,107	1,274	14.50	18,420	59,100	113.00	6,687
1972.....	28,080	106	2,989	10.60	31,537	1,611	14.60	23,529	68,900	116.00	8,008
1973.....	31,780	93	2,940	11.50	33,902	1,442	16.40	23,625	74,900	137.00	10,277
1974.....	32,220	94	3,033	13.10	39,594	1,553	17.80	27,653	74,000	161.00	11,941
1975.....	31,880	94	2,987	15.20	45,320	1,744	20.00	34,816	62,150	169.00	10,504
1976.....	33,500	92	3,071	16.80	51,714	1,989	21.30	42,381	54,100	173.00	9,333
1977.....	37,210	99	3,674	17.50	64,434	2,113	23.20	49,119	78,050	196.00	15,315
1978.....	41,450	92	3,808	18.20	69,154	1,817	26.40	47,983	99,550	213.00	21,171
1979.....	42,750	96	4,117	19.70	81,121	2,627	25.20	66,137	74,530	201.00	14,984
1980.....	43,320	98	4,255	22.50	95,762	2,801	28.20	79,043	72,720	230.00	16,719
1981.....	46,020	113	5,209	24.10	125,307	3,477	30.00	104,358	86,590	242.00	20,949
1982.....	51,400	104	5,370	24.50	131,356	3,420	31.20	106,740	97,530	252.00	24,616
1983.....	55,300	99	5,502	26.10	143,650	3,792	32.20	122,125	85,510	252.00	21,525
1984 <sup>2</sup> .....	61,000	108	6,583	27.70	182,561	4,712	31.10	146,626	93,560	384.00	35,883

<sup>1</sup> Includes heading (cauliflower) broccoli.

<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 42 in 1970, 27 in 1973.

<sup>3</sup> Price and value on f.o.b. basis.

<sup>4</sup> Price and value at processing plant door.

<sup>5</sup> Preliminary.

Statistical Reporting Service.

Table 208.—Cauliflower, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1982-84 <sup>1</sup>

Season and State	Area			Production			Value per unit		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Jan.-June:									
Ariz.....	1,500	2,900	3,300	203	348	380	42.10	35.20	34.60
Calif.....	14,100	15,500	20,700	1,311	1,457	2,277	33.80	33.10	29.50
Tex.....	700	1,000	1,000	54	92	80	39.80	26.40	22.50
Total.....	16,300	19,400	25,000	1,568	1,897	2,737	35.10	33.20	30.00
July-Dec.:									
Ariz.....	700	700	900	81	88	126	36.70	41.60	36.10
Calif.....	25,900	26,400	25,500	2,564	2,508	2,423	21.30	22.60	29.30
Mich.....	1,500	1,400	1,500	87	77	98	29.50	35.30	35.10
N.Y.:									
Long Island.....	1,900	1,800	2,000	238	216	260	19.60	29.10	27.60
Upstate.....	1,800	1,700	1,900	216	179	209	18.80	20.60	21.60
Oreg.....	2,900	3,100	3,400	580	465	663	11.10	12.00	12.30
Tex.....	400	800	800	36	72	67	31.20	28.70	23.30
Total.....	35,100	35,900	36,000	3,802	3,605	3,846	20.10	22.40	26.10
U.S.....	51,400	55,300	61,000	5,370	5,502	6,583	24.50	26.10	27.70

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Ariz.....	284	436	506	40.60	36.50	35.00						
Calif.....	2,455	2,747	3,519	32.30	32.20	31.30	71,000	60,900	59,050	275.00	270.00	478.00
Other States <sup>3</sup> .....	681	609	687	23.30	29.10	27.60	26,530	24,610	34,510	192.00	207.00	220.00
U.S.....	3,420	3,792	4,712	31.20	32.20	31.10	97,530	85,510	93,560	252.00	252.00	384.00

<sup>1</sup> Includes heading (cauliflower) broccoli.<sup>2</sup> Preliminary.<sup>3</sup> Michigan, New York, Oregon, and Texas.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 205

<sup>1</sup> Preliminary.<sup>2</sup> Estimates discontinued.<sup>3</sup> Indiana, New Jersey, and Ohio.<sup>4</sup> Indiana, New Jersey, Ohio, and Wisconsin.

Statistical Reporting Service.

**Table 209.—Celery, commercial crop: Area, production, and value per hundredweight, by States, 1982-84<sup>1</sup>**

Season and State	Area			Production			Value per unit		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Jan.-June:									
Calif.:									
Southern Coast.....	9,500	9,100	8,800	6,270	5,506	5,808	12.00	11.60	15.10
Central Coast.....	600	500	800	399	280	524	12.80	14.80	8.83
Fla.....	8,300	8,000	7,500	2,698	3,320	3,113	12.60	15.30	16.30
Total.....	18,400	17,600	17,100	9,367	9,106	9,445	12.20	13.10	15.20
July-Dec.:									
Calif.:									
Southern Coast.....	1,700	2,300	1,900	1,105	1,311	1,074	7.52	16.00	8.95
Central Coast.....	10,500	8,500	9,100	6,143	5,483	5,506	7.41	13.30	8.72
Fla.....	1,400	1,700	1,900	434	595	684	9.41	23.20	10.80
Mich.....	3,300	3,500	3,900	1,551	1,295	1,560	10.60	12.70	9.87
N.Y.....	730	730	750	350	299	300	10.40	13.80	10.30
Ohio.....	410	450	400	189	198	188	9.28	13.30	9.22
Total.....	18,040	17,180	17,950	9,772	9,181	9,312	8.16	14.30	9.15
U.S.....	36,440	34,780	35,050	19,139	18,287	18,757	10.20	13.70	12.20

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.   <sup>2</sup> Preliminary.  
Statistical Reporting Service.

**Table 210.—Celery, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1970-84<sup>1</sup>**

Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	33,080	469	15,531	5.39	83,642	1978.....	36,830	467	17,201	11.90	204,941
1971.....	33,540	474	15,909	5.46	86,908	1979.....	35,720	493	17,603	9.15	161,042
1972.....	33,220	482	16,021	6.42	102,794	1980.....	37,250	501	18,655	9.11	169,896
1973.....	33,480	501	16,784	6.04	101,352	1981.....	36,720	507	18,628	10.80	200,622
1974.....	32,690	504	16,476	5.70	93,956	1982.....	36,440	525	19,139	10.20	194,280
1975.....	31,750	498	15,826	7.46	118,122	1983.....	34,780	526	18,287	13.70	250,239
1976.....	33,660	502	16,904	7.89	133,336	1984 <sup>4</sup> .....	35,050	535	18,757	12.20	228,457
1977.....	33,760	491	16,561	8.51	140,978						

<sup>1</sup> Mostly for fresh market use, but includes quantities used for processing.

<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight): 22 in 1970, 70 in 1971, 56 in 1973, and 109 in 1974.

<sup>3</sup> Price and value on f.o.b. basis.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 211.—Corn, sweet, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1970-84

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Pro- duction <sup>1</sup>	Value <sup>2</sup>		Area for harvest	Yield per acre	Produc- tion	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970 .....	190,000	69	13,102	5.27	69,029	413,650	4.56	1,888,200	23.90	45,134
1971 .....	184,800	68	12,654	5.83	73,745	424,600	4.84	2,054,200	24.20	49,781
1972 .....	182,400	73	13,284	6.28	83,358	429,830	4.93	2,119,500	25.80	54,754
1973 .....	179,800	78	14,008	6.77	94,844	456,100	4.80	2,190,450	29.80	65,163
1974 .....	177,400	78	13,909	7.80	108,542	462,150	4.48	2,069,450	54.30	112,306
1975 .....	179,400	80	14,398	8.41	121,117	508,700	4.70	2,393,100	53.60	128,227
1976 .....	184,100	81	14,921	8.16	121,812	460,980	4.84	2,233,100	48.20	107,703
1977 .....	176,800	81	14,343	8.07	115,775	453,980	5.23	2,376,200	49.60	117,879
1978 .....	181,100	78	14,061	8.84	124,239	429,610	5.67	2,434,700	49.90	121,445
1979 .....	179,800	78	14,033	9.89	138,730	417,640	5.90	2,468,940	51.30	126,439
1980 .....	180,450	79	14,281	10.70	152,890	375,400	5.75	2,158,010	53.70	115,824
1981 .....	183,700	78	14,288	11.60	165,669	401,000	5.93	2,378,170	63.10	150,048
1982 .....	186,100	78	14,435	12.20	176,071	446,900	6.13	2,740,450	61.40	168,165
1983 .....	190,800	78	14,868	12.50	185,282	399,800	5.57	2,227,060	59.80	133,233
1984 <sup>4</sup> .....	193,000	81	15,589	13.10	204,617	427,200	5.97	2,552,170	63.70	162,530

<sup>1</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 120 in 1970, 349 in 1971, 77 in 1972, and 56 in 1978.

<sup>2</sup> Price and value on f.o.b. basis.

<sup>3</sup> Price and value at processing plant door.

<sup>4</sup> Preliminary.

Statistical Reporting Service.



Table 212.—Corn, sweet, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1982-84

Utilization, season, and State	Area			Production			Value per unit		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
<b>FOR FRESH MARKET</b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Jan-June:									
Ala.....	2,000	2,000	2,000	74	64	100	12.40	19.30	28.00
Calif.....	6,300	6,000	6,000	693	630	660	13.90	12.90	17.20
Fla.....	38,400	43,900	42,400	3,725	3,951	3,646	13.60	13.20	13.80
Tex.....	3,200	3,000	3,200	208	225	192	15.00	17.50	15.90
Total.....	49,900	54,900	53,600	4,700	4,870	4,598	13.70	13.40	14.70
July-Dec.:									
Ala.....	2,900	2,200	3,000	107	70	150	10.60	19.30	28.00
Calif.....	7,500	8,600	8,200	713	946	861	10.30	12.00	12.60
Colo.....	3,100	3,000	3,400	310	345	408	8.20	8.70	8.35
Conn.....	4,200	4,600	4,500	265	331	261	13.50	13.40	14.40
Fla.....	13,800	12,800	13,000	787	947	975	16.00	11.30	11.90
Ill.....	3,800	3,700	3,800	304	315	331	8.83	11.10	9.42
Mass.....	7,700	8,700	8,100	678	800	713	14.00	13.30	14.50
Mich.....	13,000	12,800	12,300	858	896	800	8.81	11.10	10.80
N.J.....	12,500	12,000	12,500	925	840	1,000	12.30	13.40	11.30
N.Y.....	24,000	25,300	26,800	1,872	1,923	2,037	10.30	10.30	11.80
N.C.....	4,900	4,700	4,800	343	282	288	9.78	10.20	11.10
Ohio.....	15,000	15,000	15,000	975	1,050	1,125	11.60	13.30	13.40
Oreg.....	1,900	1,700	1,900	209	170	247	11.20	13.50	16.30
Pa.....	15,800	15,300	15,900	869	673	1,161	12.80	14.30	12.40
Va.....	3,200	2,900	3,400	288	189	340	11.50	11.10	13.60
Wash.....	2,900	2,600	2,800	232	221	294	11.70	13.50	15.40
Total.....	136,200	135,900	139,400	9,735	9,998	10,991	11.50	12.00	12.50
U.S.....	186,100	190,800	193,000	14,435	14,868	15,589	12.20	12.50	13.10
<b>FOR PROCESSING</b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons<sup>2</sup></i>	<i>Tons<sup>2</sup></i>	<i>Tons<sup>2</sup></i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Del.....	3,900	4,000	5,000	20,590	18,320	28,550	58.00	65.20	79.80
Idaho.....	21,500	14,100	17,400	187,270	117,310	142,160	64.00	61.70	62.10
Ill.....	38,400	34,500	36,500	187,390	144,560	194,180	68.10	66.30	69.90
Iowa.....	8,600	8,900	8,900	39,650	31,950	48,640	57.20	65.90	80.00
Md.....	119,300	108,400	115,000	683,590	498,640	669,300	56.30	52.90	61.40
Minn.....	24,600	25,500	28,300	129,640	132,860	157,910	64.80	66.10	62.40
Oreg.....	45,500	38,800	42,000	409,960	331,740	365,400	70.50	68.50	71.10
Pa.....	4,500	3,700	3,600	16,250	9,180	16,780	58.00	52.20	64.40
Wash.....	51,700	38,300	32,900	469,440	349,300	245,760	70.60	60.70	68.00
Wis.....	122,200	117,900	129,000	562,120	568,280	638,550	50.50	56.40	57.30
Other States <sup>3</sup> .....	6,700	5,700	9,200	34,550	24,920	44,940	49.10	60.00	58.90
U.S.....	446,900	399,800	427,200	2,740,450	2,210,600	2,552,170	61.40	59.80	63.70
Grand total.....	633,000	590,600	620,200	3,462,200	2,954,000	3,331,620	99.40	108.00	110.00

<sup>1</sup> Preliminary.<sup>2</sup> Tonnage in husk.<sup>3</sup> Indiana and Iowa.

Statistical Reporting Service.

**Table 213.—Cucumbers, commercial crop: Area, yield, production, value per ton, total value, and pickle stocks, United States, 1970–84**

Year	For processing					Pickle stocks on hand Oct. 1 <sup>2</sup>
	Area har- vested	Yield per acre	Production	Value <sup>1</sup>		
				Per ton	Total	
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>Tons</i>
1970 .....	133,580	4.41	588,800	94.10	55,391	563,050
1971 .....	127,600	4.41	563,100	93.20	52,461	522,300
1972 .....	128,830	4.43	571,150	94.00	53,660	539,750
1973 .....	125,930	4.76	598,800	99.30	59,448	501,000
1974 .....	132,010	4.52	597,000	131.00	77,954	496,000
1975 .....	140,170	4.81	674,250	129.00	86,730	502,800
1976 .....	128,380	4.94	633,800	126.00	79,751	476,500
1977 .....	123,790	5.04	623,850	126.00	78,651	494,550
1978 .....	134,740	5.09	685,450	130.00	88,814	516,600
1979 .....	131,680	5.08	668,970	145.00	97,186	507,750
1980 .....	116,410	5.23	609,170	166.00	101,264	516,650
1981 .....	97,530	5.90	575,380	175.00	100,629	448,300
1982 <sup>3</sup> .....						
1983 <sup>3</sup> .....						
1984 <sup>4</sup> <sup>5</sup> .....	104,920	5.58	585,370	164.00	95,847	

<sup>1</sup> Price and value at processing plant door.<sup>2</sup> Stocks in hands of original salters of both salt and dill pickles, sold and unsold, in tanks and barrels, on Oct. 1 includes stocks of fresh-pack pickles.<sup>3</sup> Data not available.<sup>4</sup> Estimates reinstated with the 1984 crop.<sup>5</sup> Preliminary.

Statistical Reporting Service.

**Table 214.—Cucumbers (for pickles), commercial crop: Area, production, and value per ton, by States, 1982–84<sup>1</sup>**

State	Area			Production			Value per unit		
	1982	1983	1984	1982	1983	1984	1982	1983	1984
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Calif .....			2,800			47,600			229.00
Colo .....			2,200			18,880			131.00
Del .....			1,500			7,160			137.00
Fla .....			4,700			21,150			301.00
Ind .....			780			8,810			130.00
Md .....			3,500			26,290			147.00
Mich .....			19,000			104,500			142.00
N.J .....			840			7,940			185.00
N.C .....			24,400			80,520			160.00
Ohio .....			4,800			56,300			185.00
Oreg .....			1,900			24,000			149.00
S.C .....			8,800			34,670			196.00
Tex .....			13,500			39,150			151.00
Wash .....			1,500			16,770			162.00
Wis .....			7,800			61,390			105.00
Other States <sup>3</sup> .....			6,900			30,240			167.00
U.S .....			104,920			585,370			164.00

<sup>1</sup> Estimates reinstated with the 1984 crop. Data not available for 1982 and 1983.<sup>2</sup> Preliminary.<sup>3</sup> Alabama, Arizona, Arkansas, Georgia, Idaho, Kentucky, Massachusetts, Minnesota, Mississippi, Missouri, Nebraska, New York, South Dakota, and Virginia.

Statistical Reporting Service.

**Table 215.—Honeydew melons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1970-84**

Year	Area for harvest	Yield per acre	Production	Value <sup>1</sup>		Year	Area for harvest	Yield per acre	Production	Value <sup>1</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970 .....	13,200	146	1,931	5.66	10,936	1977 .....	15,480	167	2,591	9.87	25,561
1971 .....	12,300	166	2,039	6.23	12,712	1978 .....	18,520	184	3,413	9.62	32,846
1972 .....	13,200	175	2,307	6.24	14,390	1979 .....	20,500	170	3,477	10.90	37,761
1973 .....	14,000	175	2,453	7.47	18,324	1980 .....	17,700	180	3,180	13.50	42,864
1974 .....	12,400	176	2,185	8.23	17,993	1981 .....	19,600	174	3,419	15.40	52,581
1975 .....	12,570	191	2,395	9.31	22,286	1982 .....	24,900	152	3,780	14.10	53,111
1976 .....	13,950	168	2,346	10.60	24,916	1983 .....	23,800	165	3,918	1.320	51,540
						1984 <sup>2</sup> .....	23,300	172	4,001	1,380	55,352

<sup>1</sup> Price and value on f.o.b. basis.    <sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 216.—Honeydew melons, commercial crop: Area, production, and value per hundredweight, by States, 1982-84**

Season and State	Area			Production			Value per unit		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Jan.-June:									
Tex .....	4,900	5,500	5,000	784	770	950	24.30	20.40	15.30
Total .....	4,900	5,500	5,000	784	770	950	24.30	20.40	15.30
July-Dec.:									
Ariz .....	3,500	2,800	2,000	438	280	280	10.60	15.30	19.10
Calif .....	16,500	15,500	16,300	2,558	2,868	2,771	11.50	11.00	12.80
Total .....	20,000	18,300	18,300	2,996	3,148	3,051	11.40	11.40	13.40
U.S. ....	24,900	23,800	23,300	3,780	3,918	4,001	14.10	13.20	13.80

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 217.—Lettuce, commercial crop: Area, production, and value per hundredweight, by States, 1982-84

Season and State	Area			Production			Value per unit		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Jan.-June:									
Ariz.:									
Yuma.....	15,900	20,000	21,000	5,247	6,200	5,985	15.90	7.67	8.25
Other.....	4,700	5,700	3,700	1,904	1,767	1,221	14.30	13.00	6.37
Calif.....	57,700	62,100	62,400	17,310	16,457	18,720	13.60	10.60	7.79
Fla.....	9,700	10,400	10,500	1,795	1,976	1,890	23.80	18.50	15.30
N.J.....	1,600	1,600	1,500	240	224	203	11.30	17.40	12.20
N. Mex.....	1,500	2,300	1,900	503	713	266	12.40	18.10	6.40
Tex.....	3,100	2,600	1,500	682	598	285	16.30	9.28	9.49
Total.....	94,200	104,700	102,500	27,681	27,935	28,570	14.80	10.90	8.36
July-Dec.									
Ariz.:									
Yuma.....	9,000	9,100	11,700	2,700	2,639	2,867	12.80	14.60	7.60
Other.....	4,700	4,600	4,500	1,246	966	833	12.30	14.80	14.10
Calif.....	87,200	89,100	92,100	27,032	27,621	28,091	9.01	13.30	12.40
Colo.....	2,900	3,800	2,800	609	893	756	7.67	11.80	13.90
Fla.....	2,500	2,500	2,700	475	438	459	20.20	23.50	18.30
Mich.....	1,500	1,200	1,100	375	228	259	13.80	15.00	15.70
N.J.....	1,300	1,300	1,300	338	260	241	10.50	12.30	15.50
N. Mex.....	3,300	3,000	1,400	759	615	308	9.93	15.40	12.00
N.Y.....	4,000	4,000	3,800	840	780	779	13.30	15.50	15.40
Ohio.....	1,000	900	750	150	162	90	32.10	40.40	35.50
Tex.....	1,500	1,200	2,000	225	276	460	13.70	13.40	9.00
Wash.....	1,200	1,000	1,100	216	220	231	11.10	14.00	14.60
Wis.....	1,100	690	700	209	121	252	8.10	9.65	12.10
Total.....	121,200	122,390	125,950	35,174	35,219	35,626	9.87	13.70	12.30
All groups.....	215,400	227,090	228,450	62,855	63,154	64,196	12.00	12.50	10.50
Hawaii.....	650	840	730	94	122	102	26.20	23.00	24.10
U.S.....	216,050	227,930	229,180	62,949	63,276	64,298	12.00	12.50	10.60

<sup>1</sup> Preliminary.

Statistical Reporting Service.



**Table 218.—Lettuce, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1970-84**

Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970 .....	234,740	198	46,540	4.75	221,150	1978 .....	239,090	252	60,275	9.90	596,908
1971 .....	216,750	219	47,367	6.31	298,847	1979 .....	245,850	249	61,310	9.20	564,113
1972 .....	220,470	221	48,720	5.73	279,295	1980 .....	236,460	268	63,297	8.91	564,064
1973 .....	224,950	225	50,535	7.40	374,177	1981 .....	223,840	280	62,649	10.90	681,612
1974 .....	228,320	225	51,431	6.93	356,402	1982 .....	216,050	291	62,949	12.00	758,452
1975 .....	228,750	235	53,658	6.71	360,313	1983 .....	227,930	278	63,276	12.50	790,368
1976 .....	225,020	249	55,931	8.26	462,262	1984 <sup>3</sup> .....	229,180	281	64,298	10.60	679,264
1977 .....	231,380	259	59,929	6.94	415,951						

<sup>1</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 915 in 1970, 338 in 1971, 82 in 1972, and 1,316 in 1973.

<sup>2</sup> Price and value on f.o.b. basis.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 219.—Onions, commercial crop: Area, yield, production, shrinkage and loss, value per hundredweight, total value, stocks, United States, 1970-84 <sup>1</sup>**

Year	Stocks in storage Jan. 1			Area for harvest	Yield per acre	Production <sup>2</sup>	Shrinkage and loss	Value <sup>4</sup>	
	In common storage <sup>2</sup>	In cold storage	Total					Per cwt.	Total
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970 .....	4,351	185	4,536	101,000	302	30,493	3,558	3.67	98,752
1971 .....	5,470	180	5,650	98,800	302	29,803	2,627	3.88	105,330
1972 .....	4,810	170	4,980	94,470	300	28,355	2,457	6.48	167,715
1973 .....	3,961	77	4,038	104,590	283	29,689	2,327	7.57	207,226
1974 .....	4,754	81	4,835	109,730	302	33,151	2,934	4.87	147,182
1975 .....	5,109	80	5,189	103,080	305	31,418	2,944	9.35	266,230
1976 .....	4,430	89	4,519	109,520	322	35,288	3,935	6.93	217,202
1977 .....	5,156	98	5,254	108,550	319	34,583	4,365	6.76	204,314
1978 .....	5,680	63	5,743	121,920	297	36,174	3,958	7.81	251,495
1979 .....	6,556	66	6,622	123,910	312	38,602	4,576	6.98	237,432
1980 .....	7,752	99	7,851	113,160	296	33,526	3,075	11.40	347,054
1981 .....	6,235	78	6,313	112,030	314	35,155	2,885	14.70	475,470
1982 .....	5,560	35	5,595	125,920	332	41,861	4,553	8.24	307,501
1983 .....				123,040	315	38,762	3,851	12.40	431,906
1984 <sup>5</sup> .....				129,350	338	43,657	3,925	10.70	423,831

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.

<sup>2</sup> Grower and local dealer stocks discontinued after 1982.

<sup>3</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 39 in 1970 and 30 in 1976. Includes storage crop onions harvested but not sold because of shrinkage and waste.

<sup>4</sup> Price and value on f.o.b. basis.

<sup>5</sup> Preliminary.

Statistical Reporting Service.

**Table 220.—Onions, commercial crop: Area, production, shrinkage and loss, and value per hundredweight, by States, 1982-84<sup>1</sup>**

Season and State	Area			Production			Shrinkage and loss			Value per unit		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
Spring:												
Ariz.....	1,700	1,600	2,300	876	656	805	.....	.....	.....	7.88	8.06	9.15
Calif.....	7,900	7,600	7,700	2,805	2,166	2,734	.....	.....	.....	10.10	10.80	12.00
Tex.....	19,400	19,000	18,600	3,492	3,800	3,348	.....	.....	.....	13.60	11.20	19.60
Total.....	29,000	28,200	28,600	7,173	6,622	6,887	.....	.....	.....	11.50	10.80	15.40
Summer:												
Non-storage:												
N.J.....	600	( <sup>3</sup> )	( <sup>3</sup> )	90	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	.....	11.00	( <sup>3</sup> )	( <sup>3</sup> )
N. Mex.....	4,500	3,900	3,900	1,643	1,248	1,365	.....	.....	.....	8.69	8.90	11.80
Tex.....	6,300	6,200	6,000	1,544	1,643	1,560	.....	.....	.....	17.70	11.90	14.00
Wash.....	850	1,200	1,200	315	492	432	.....	.....	.....	8.28	8.28	13.50
Non-storage total.....	12,250	11,300	11,100	3,592	3,383	3,357	.....	.....	.....	12.60	10.30	13.00
Storage:												
Colo.....	9,300	10,400	12,200	3,255	3,432	4,636	810	755	923	8.66	14.60	12.80
Idaho.....	4,900	4,900	4,600	2,475	2,475	2,323	525	458	275	6.20	16.30	10.20
Mich.....	8,000	8,300	8,500	2,560	2,573	2,933	442	449	448	6.11	14.30	7.34
Minn.....	800	790	650	168	158	156	27	28	19	4.89	13.10	5.95
N.Y.....	14,000	13,300	14,100	4,550	2,793	3,384	479	344	508	8.23	19.50	10.70
Ohio.....	570	550	500	165	193	205	20	18	25	6.76	13.40	11.50
Oreg. (east).....	7,300	8,400	10,900	3,687	4,242	5,505	782	786	653	6.20	16.30	10.20
Oreg. (west).....	2,700	2,500	3,200	1,134	1,050	1,280	334	350	320	3.49	15.50	9.65
Utah.....	2,000	1,900	2,200	730	570	693	390	91	119	4.91	11.30	7.50
Wash.....	3,900	3,500	4,300	1,482	1,540	1,935	474	300	335	5.26	14.10	9.07
Wis.....	1,500	1,600	1,600	495	552	544	50	52	50	4.12	11.90	5.05
Storage total.....	54,970	56,140	62,750	20,701	19,578	23,594	4,333	3,631	3,675	6.78	15.70	10.10
Calif. <sup>4</sup> .....	29,700	27,400	26,900	10,395	9,179	9,819	220	220	250	6.74	8.49	7.73
Total summer.....	96,920	94,840	100,750	34,688	32,140	36,770	4,553	3,851	3,925	7.46	12.80	9.68
U.S.....	125,920	123,040	129,350	41,861	38,762	43,657	4,553	3,851	3,925	8.24	12.40	10.70

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Preliminary.<sup>3</sup> Estimates discontinued.<sup>4</sup> Primarily for processing.

Statistical Reporting Service.

**Table 221.—Onions: Foreign trade, United States, 1970-83**

Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports
	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.
1970.....	500	1,398	1975.....	696	3,169	1980.....	1,400	2,614
1971.....	590	1,269	1976.....	1,403	3,169	1981.....	1,581	3,822
1972.....	1,458	1,340	1977.....	1,345	1,941	1982.....	1,861	1,367
1973.....	1,079	1,773	1978.....	1,582	2,164	1983.....	2,791	2,056
1974.....	909	1,553	1979.....	1,304	1,851			

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 222.—Peas, green (for processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 1970–84**

Year	Area harvested	Yield per acre	Production	Value <sup>1</sup>		Year	Area harvested	Yield per acre	Production	Value <sup>1</sup>	
				Per ton	Total					Per ton	Total
	<i>Acres</i>	<i>Tons</i> <sup>2</sup>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Tons</i> <sup>2</sup>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970 .....	387,360	1.26	489,550	109.00	53,311	1978 .....	355,460	1.30	461,100	206.00	94,853
1971 .....	386,210	1.37	527,650	107.00	56,676	1979 .....	392,320	1.56	613,350	210.00	129,090
1972 .....	380,670	1.36	516,050	112.00	57,968	1980 .....	321,660	1.51	484,240	209.00	101,392
1973 .....	423,790	1.20	507,650	119.00	60,530	1981 .....	293,090	1.55	455,050	218.00	99,056
1974 .....	421,700	1.36	573,150	196.00	112,166	1982 .....	303,830	1.63	496,290	227.00	112,541
1975 .....	437,650	1.30	570,750	218.00	124,604	1983 .....	308,800	1.38	425,740	217.00	92,189
1976 .....	393,020	1.31	513,200	199.00	101,982	1984 <sup>3</sup> .....	330,470	1.50	495,340	237.00	117,266
1977 .....	350,480	1.40	488,950	206.00	100,533						

<sup>1</sup> Price and value at processing plant door.<sup>2</sup> Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas.<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 223.—Peas, green (for processing), commercial crop: Area, production, and value per ton, States, 1982–84**

State	Area			Production <sup>2</sup>			Value per unit		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Del.....	7,900	9,400	11,500	13,670	13,820	16,100	270.00	209.00	276.00
Md.....	3,100	2,900	2,500	5,330	3,390	4,080	275.00	232.00	282.00
Minn.....	60,800	64,200	74,200	97,280	80,250	102,400	236.00	229.00	243.00
N.Y.....	8,800	9,200	9,200	14,960	13,800	15,090	286.00	285.00	301.00
Oreg.....	33,700	34,400	33,600	36,730	40,250	49,730	202.00	173.00	211.00
Wash.....	67,700	65,600	64,400	108,320	97,740	109,480	235.00	205.00	246.00
Wis.....	79,100	81,000	86,200	147,920	110,160	127,580	199.00	215.00	222.00
Other States <sup>3</sup> .....	42,730	42,100	48,870	72,080	66,330	70,880	247.00	234.00	233.00
U.S.....	303,830	308,800	330,470	496,290	425,740	495,340	227.00	217.00	237.00

<sup>1</sup> Preliminary.<sup>2</sup> Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas.<sup>3</sup> 1982–83—California, Idaho, Illinois, Iowa, Maine, Michigan, Pennsylvania, and Utah. 1984—California, Idaho, Illinois, Iowa, Maine, Michigan, New Jersey, Pennsylvania, and Utah.

Statistical Reporting Service.

Table 224.—Potatoes: Production, seed used, and disposition, United States, 1970-83

Year	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1970 .....	325,716	24,555	9,957	23,850	291,909
1971 .....	319,329	22,290	8,927	27,909	282,493
1972 .....	296,359	23,556	7,913	19,996	268,450
1973 .....	300,013	25,257	6,516	18,376	275,121
1974 .....	342,395	23,795	6,472	32,496	303,427
1975 .....	321,978	25,615	6,560	22,177	293,241
1976 .....	357,666	25,566	6,760	26,246	324,660
1977 .....	355,334	25,989	6,718	31,119	317,497
1978 .....	366,314	24,331	6,302	34,439	325,573
1979 .....	342,447	22,316	5,904	30,128	306,415
1980 .....	303,905	24,063	6,380	23,237	274,288
1981 .....	340,623	24,931	6,004	26,339	308,280
1982 .....	355,131	24,169	7,274	31,013	316,844
1983 <sup>1</sup> .....	333,911	25,384	5,954	24,674	303,283

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 225.—Potatoes: Area, yield, production, season average price, and value, United States, 1970-84

Year	Area planted	Area harvested	Yield per harvested acre	Production <sup>1</sup>	Season average price per cwt. received by farmers <sup>2</sup>	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970 .....	1,449.5	1,421.0	229	325,716	2.21	715,123
1971 .....	1,432.1	1,391.0	230	319,329	1.90	602,907
1972 .....	1,301.1	1,255.6	236	296,359	3.02	895,903
1973 .....	1,329.8	1,306.6	230	300,013	4.90	1,471,942
1974 .....	1,421.6	1,391.6	246	342,395	4.01	1,354,928
1975 .....	1,298.5	1,259.5	256	321,978	4.48	1,442,741
1976 .....	1,404.2	1,371.4	261	357,666	3.59	1,282,521
1977 .....	1,398.9	1,360.2	261	355,334	3.55	1,255,047
1978 .....	1,401.0	1,374.5	267	366,314	3.38	1,224,478
1979 .....	1,295.4	1,258.3	272	342,447	3.44	1,172,108
1980 .....	1,175.4	1,147.8	265	303,905	6.55	1,985,814
1981 .....	1,255.3	1,232.4	276	340,623	5.42	1,831,474
1982 .....	1,302.8	1,266.9	280	355,131	4.45	1,562,639
1983 .....	1,272.1	1,242.5	269	333,911	5.82	1,935,502
1984 <sup>3</sup> .....	1,336.7	1,300.0	278	361,648	5.67	2,032,120

<sup>1</sup> Excludes 1,369,000 cwt. not marketed in 1971.<sup>2</sup> Obtained by weighting State prices by quantity sold.<sup>3</sup> Preliminary.

Statistical Reporting Service.



Table 226.—Potatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1982-84

Season and State	Area harvested			Production			Price for crop of—		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
Winter:									
Calif.....	3.8	4.7	5.6	931	1,269	1,456	9.70	7.55	9.25
Fla.....	7.2	6.6	7.4	1,332	924	1,184	13.80	14.80	17.30
Total.....	11.0	11.3	13.0	2,263	2,193	2,640	12.20	10.70	13.00
Spring:									
Ala.....	4.2	4.1	4.6	714	513	644	9.00	6.75	6.35
Ariz.....	4.7	4.9	5.4	1,434	1,274	1,647	6.55	6.75	9.20
Calif.....	25.5	24.5	28.5	9,563	8,330	11,115	10.60	9.45	12.00
Fla:									
Hastings.....	23.5	23.5	25.0	5,405	4,935	6,500	7.50	8.10	7.35
Other.....	1.2	1.2	1.2	252	186	240	13.30	12.70	9.45
La.....	1.1	1.0	1.0	88	50	60	13.50	8.00	11.20
N.C.....	14.8	14.5	14.7	2,368	1,958	2,352	5.90	6.35	6.95
Tex.....	6.0	5.9	6.2	1,140	1,092	1,240	7.70	6.20	6.75
Total.....	81.0	79.6	86.6	20,964	18,338	23,798	8.83	8.34	9.58
Summer:									
Ala.....	8.6	9.3	8.3	1,290	1,023	955	8.70	7.35	8.15
Calif.....	8.4	8.0	8.1	3,066	2,560	2,916	9.25	10.00	12.30
Colo.....	6.9	6.8	7.1	1,794	1,870	1,988	4.70	5.25	5.70
Del.....	5.4	5.4	5.5	1,566	999	1,265	4.80	10.70	11.20
Ill.....	2.2	2.3	2.4	583	552	636	4.10	5.35	6.35
Ind.....	1.9	1.5	1.8	418	188	216	5.80	5.30	7.50
Iowa.....	1.5	1.6	1.4	308	176	210	4.80	5.40	5.70
Md.....	1.9	1.8	1.6	409	342	296	4.60	10.40	11.10
Mich.....	10.3	11.8	12.8	2,266	2,183	2,560	4.45	6.70	6.20
Minn.....	6.6	5.1	6.0	1,881	1,326	1,680	4.70	8.10	8.20
Nebr.....	1.0	1.0	2.2	160	210	550	4.50	5.65	4.85
N.J.....	8.5	8.5	8.5	2,210	1,615	1,828	5.10	8.35	7.25
N. Mex.....	4.9	5.7	9.1	1,274	1,625	2,639	5.25	6.40	6.80
N.C.....	3.9	3.9	2.9	449	390	348	7.30	8.65	9.10
Ohio.....	1.2	1.3	1.1	276	234	319	4.40	8.20	5.55
Tenn.....	2.7	2.5	3.0	257	175	270	8.50	8.50	9.40
Tex.....	8.7	9.3	11.3	2,088	2,232	2,825	9.90	9.60	13.80
Va.....	16.5	14.3	14.0	2,475	1,001	1,540	5.80	10.50	12.00
Total.....	101.1	100.1	107.1	22,770	18,701	23,041	6.30	8.11	9.35
Fall:									
Calif.....	18.5	19.0	18.2	7,585	7,790	7,280	6.30	8.90	8.10
Colo.....	45.0	46.5	53.0	12,825	13,950	17,225	3.50	6.40	4.10
Conn.....	1.8	1.4	1.4	369	266	315	4.20	7.20	6.75
Idaho:									
10 S.W. counties.....	25.0	25.0	28.0	8,625	8,500	9,380	<sup>2</sup> 3.50	<sup>2</sup> 5.20	<sup>2</sup> 5.15
Other counties.....	297.0	287.0	297.0	83,160	77,490	77,220			
Ind.....	3.3	3.0	3.0	924	600	750	4.05	8.50	6.90
Maine.....	106.0	94.0	89.0	27,030	22,560	21,360	3.35	6.25	4.75
Mass.....	3.8	3.4	2.9	779	646	580	3.90	7.20	6.75
Mich.....	39.0	41.0	44.0	10,530	9,840	12,540	4.70	6.60	5.50
Minn.....	64.0	62.5	72.5	11,520	10,313	13,775	3.80	5.20	4.70
Mont.....	7.4	7.2	7.4	1,924	1,800	1,924	7.50	9.20	9.50
Nebr.....	8.8	7.5	8.0	2,332	2,025	2,240	5.75	6.45	6.60
Nev.....	13.0	12.0	10.0	4,095	3,720	3,300	2.60	5.70	5.40
N.Y.:									
Long Island.....	19.0	16.3	13.8	5,130	4,075	3,726	4.20	8.00	5.70
Upstate.....	25.0	24.5	25.5	6,500	5,635	6,630	5.45	7.75	6.50
N. Dak.....	115.0	128.0	133.0	17,250	20,480	20,615	4.35	4.90	4.50
Ohio.....	9.0	9.2	9.3	2,205	1,886	2,465	5.10	7.85	5.10
Oreg.:									
Malheur County.....	10.5	9.0	10.5	3,885	3,330	3,780	3.90	4.35	4.05
Other counties.....	42.0	39.5	45.0	17,220	17,380	18,900	3.90	4.70	4.75
Pa.....	21.0	21.5	21.5	4,935	4,300	5,160	5.50	8.10	6.50
R.I.....	3.0	2.8	2.6	720	630	598	4.30	5.50	4.90
S. Dak.....	10.0	15.4	13.0	1,550	2,310	1,820	3.55	3.75	3.60
Utah.....	6.4	5.9	6.4	1,440	1,357	1,728	4.00	4.70	4.70
Vt.....	.4	.4	.3	92	88	63	4.00	6.50	6.00
Wash.....	110.0	104.0	115.0	52,800	54,080	56,925	3.75	4.25	4.65
Wis.....	64.5	62.0	61.0	22,575	18,910	21,350	4.10	5.55	4.60
Wyo.....	5.4	3.5	2.0	1,134	718	520	4.10	5.80	5.10
Total.....	1,073.8	1,051.5	1,093.3	309,134	294,679	312,169	3.92	5.46	4.98
U.S.....	1,266.9	1,242.5	1,300.0	355,131	333,911	361,648	4.45	5.82	5.67

See footnotes on page 166.

**Table 227.—Fall Potatoes: Production and total stocks held by growers and local dealers, 15 <sup>1</sup> States, 1970-84**

Crop year	Production	Total stocks <sup>1</sup>					
		Dec. 1	Following year				
			Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1970.....	259,977	171,600	147,550	120,650	95,850		
1971 <sup>2</sup> .....	258,613	172,550	148,600	122,350	97,150		
1972.....	242,390	155,190	132,050	105,690	82,510	57,860	
1973.....	247,686	154,890	131,600	105,360	80,460	55,465	
1974.....	278,679	183,850	160,100	131,480	102,963	75,217	
1975.....	266,422	181,720	156,220	129,710	102,850	70,970	
1976.....	294,978	198,630	172,230	142,030	112,830	81,130	
1977.....	295,421	202,550	175,300	147,930	119,850	88,680	
1978.....	311,981	219,850	193,520	162,980	132,570	99,250	64,830
1979.....	284,940	200,820	176,020	147,910	121,720	92,550	59,535
1980.....	256,518	172,030	147,010	122,065	97,680	72,660	44,546
1981.....	287,710	193,610	164,380	137,820	111,780	82,270	50,760
1982.....	298,301	206,525	178,980	150,200	122,500	90,150	57,305
1983.....	284,344	192,150	165,330	138,900	112,730	81,740	50,365
1984 <sup>3</sup> .....	302,495	201,335	172,860	142,990	116,655	85,425	51,575

<sup>1</sup> Stocks estimated for the 15 major States (see table 228) starting with the 1980 crop. This table shows stocks and comparable production for the 15 States over the past 11 years. Prior to this year, this table showed data for the 23 major States over a 15 year period.

<sup>2</sup> Beginning 1971, late summer production for New York (Long Island), Wisconsin, and Washington has been classified as "fall."

<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 228.—Fall potatoes: Total stocks held by growers and local dealers, 15 States, crop of 1983 and 1984 <sup>1</sup>**

State	Crop of 1983						Crop of 1984 <sup>1</sup>					
	Dec. 1, 1983	Jan. 1, 1984	Feb. 1, 1984	Mar. 1, 1984	Apr. 1, 1984	May 1, 1984	Dec. 1, 1984	Jan. 1, 1985	Feb. 1, 1985	Mar. 1, 1985	Apr. 1, 1985	May 1, 1985
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Calif.....	5,400	4,300	3,500	2,700	1,950	1,200	4,725	3,900	3,000	2,300	1,600	800
Colo.....	10,500	9,000	7,100	5,700	4,200	2,550	12,550	10,950	8,900	7,250	5,550	3,500
Idaho.....	61,500	54,500	48,000	41,500	33,500	22,000	61,500	54,500	47,500	41,500	34,000	22,500
Maine.....	18,300	16,000	13,500	10,900	8,200	5,300	17,200	15,000	12,500	10,200	7,300	4,350
Mich.....	6,600	5,400	4,400	3,300	2,100	1,000	8,000	6,500	5,000	3,700	2,600	1,500
Minn.....	8,500	7,800	6,900	5,300	3,300	1,400	12,200	10,500	8,500	6,500	4,200	1,700
Mont.....	1,700	1,670	1,650	1,550	1,050	50	1,860	1,830	1,790	1,740	1,180	150
Nebr.....	1,400	1,130	980	680	350	190	1,900	1,550	1,250	1,000	570	200
N.Y.:.....												
Long Island.....	1,550	1,200	800	450	250	<sup>2</sup> 110	1,700	1,300	500	300	100	<sup>2</sup> 85
Upstate.....	3,100	2,600	1,900	1,400	700	350	3,400	2,500	1,700	1,200	650	300
N. Dak.....	15,000	12,700	10,300	7,800	4,800	2,400	15,300	12,900	10,700	8,400	5,100	2,500
Ohio.....	700	430	270	100	40	( <sup>2</sup> )	850	530	280	105	35	( <sup>2</sup> )
Oreg.....	14,000	12,100	9,600	8,300	6,500	4,500	15,200	12,900	11,000	8,600	6,400	4,300
Pa.....	3,400	2,200	1,700	1,350	900	515	4,050	3,100	2,370	1,560	940	390
Wash.....	29,500	25,900	22,000	16,700	11,200	7,100	29,600	25,900	20,800	16,600	11,300	7,000
Wis.....	11,000	8,400	6,300	5,000	2,700	1,700	11,300	9,000	7,200	5,700	3,900	2,300
15 State total.....	192,150	165,330	138,900	112,730	81,740	50,365	201,335	172,860	142,990	116,655	85,425	51,575

<sup>1</sup> Preliminary.

<sup>2</sup> Ohio combined with Long Island to prevent possible disclosure of individual operations.

Statistical Reporting Service.

Table 229.—Potatoes; Utilization, United States, crop years 1976-83

Item	1976	1977	1978	1979	1980	1981	1982	1983 <sup>1</sup>
<b>SALES</b>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Table stock .....	123,091	117,171	112,336	115,109	98,066	111,976	120,307	109,035
For processing:								
Chips and shoestring .....	34,583	36,947	37,839	38,276	37,894	39,344	40,650	43,311
Dehydration .....	40,354	32,783	33,243	30,784	28,222	29,875	27,720	26,754
Frozen french fries .....	79,654	79,949	79,539	74,320	67,208	79,829	76,088	73,505
Other frozen products .....	12,872	14,597	15,406	14,420	13,673	16,812	17,262	19,139
Canned potatoes .....	1,914	2,797	2,660	2,479	2,054	2,469	2,743	2,247
Other canned products (hash, stews, soups) .....	2,557	2,474	2,127	2,251	1,993	1,700	1,791	1,701
Starch and flour .....	2,813	2,355	3,460	3,574	2,186	2,299	4,636	3,028
Total .....	174,747	171,902	174,274	166,104	153,230	172,328	170,890	169,685
Other sales:								
Livestock feed .....	6,325	7,396	7,173	6,636	3,903	3,583	6,159	3,796
Seed .....	20,497	21,028	19,750	18,075	19,089	20,393	19,488	20,767
Total diverted <sup>2</sup> .....			12,040	491	0	0	0	0
Total .....	26,822	28,424	38,963	25,202	22,992	23,976	25,647	24,563
Total sales .....	324,660	317,497	325,573	306,415	274,288	308,280	316,844	303,283
<b>NON-SALES</b>								
Seed used on farms where grown .....	5,069	4,961	4,581	4,241	4,974	4,538	4,681	4,617
Household use .....	1,691	1,757	1,721	1,663	1,406	1,466	2,593	1,337
Shrinkage and loss .....	26,246	31,119	34,439	30,128	23,237	26,339	31,013	24,674
Total non-sales .....	33,006	37,837	40,741	36,032	29,617	32,343	38,287	30,628
Total production .....	357,666	355,334	366,314	342,447	303,905	340,623	355,131	333,911

<sup>1</sup> Preliminary<sup>2</sup> Quantity of potatoes sold for livestock feed and starch under the USDA Diversion Program. For the 1979 crop, the USDA diversion includes Maine only.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 226

<sup>1</sup> Preliminary.<sup>2</sup> Season average price for all areas.

Statistical Reporting Service.

Table 230.—Potatoes: Production, seed used, and disposition, by seasonal groups, crop of 1983 <sup>1</sup>

Season and State	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Winter:					
Calif.....	1,269	106		63	1,206
Fla.....	924	220		6	918
Total.....	2,193	326		69	2,124
Spring:					
Ala.....	513	67	1	8	504
Ariz.....	1,274	81	4	25	1,245
Calif.....	8,330	627	16	167	8,147
Fla.....					
Hastings.....	4,935	500	1	19	4,915
Other.....	186	26		1	185
La.....	50	9	4	2	44
N.C.....	1,958	189	61	59	1,838
Tex.....	1,092	79	28	16	1,048
Total.....	18,338	1,578	115	297	17,926
Summer:					
Ala.....	1,023	121	12	51	960
Calif.....	2,560	150	15	51	2,494
Colo.....	1,870	153	9	131	1,730
Del.....	999	83	3	40	956
Ill.....	552	40	11	14	527
Ind.....	188	30	4	9	175
Iowa.....	176	24	4	10	162
Md.....	342	24	6	6	330
Mich.....	2,183	260	66	87	2,030
Minn.....	1,326	112	1	92	1,233
Nebr.....	210	46	10	17	183
N.J.....	1,615	155	8	48	1,559
N. Mex.....	1,625	157	16	98	1,511
N.C.....	390	39	73	14	303
Ohio.....	234	25	3	2	229
Tenn.....	175	22	18	6	151
Tex.....	2,232	150	3	78	2,151
Va.....	1,001	213	15	35	951
Total.....	18,701	1,804	277	789	17,635
Fall:					
Calif.....	7,790	392	59	623	7,108
Colo.....	13,950	1,170	770	1,100	12,080
Conn.....	266	29	3	10	253
Idaho.....	85,990	6,600	1,420	7,497	77,073
Ind.....	600	71	3	19	578
Maine.....	22,560	2,021	950	1,330	20,280
Mass.....	646	68	13	33	600
Mich.....	9,840	900	260	830	8,750
Minn.....	10,313	1,234	237	670	9,406
Mont.....	1,800	135	109	131	1,560
Nebr.....	2,025	193	152	334	1,539
Nev.....	3,720	200		446	3,274
N.Y.:					
Long Island.....	4,075	280	5	125	3,945
Upstate.....	5,635	675	180	425	5,030
N. Dak.....	20,480	1,972	300	2,058	18,122
Ohio.....	1,886	194	10	72	1,804
Oreg.:					
Malheur County.....	3,330	200	10	200	3,120
Other counties.....	17,380	1,012	116	2,139	15,125
Pa.....	4,300	418	86	194	4,020
R.I.....	630	61	3	19	608
S. Dak.....	2,310	180	12	48	2,250
Utah.....	1,357	139	28	85	1,244
Vt.....	88	6	3	5	80
Wash.....	54,080	2,430	400	4,100	49,580
Wis.....	18,910	1,037	354	875	17,081
Wyo.....	718	59	79	151	488
Total.....	294,679	21,676	5,562	23,519	265,598
U.S.....	333,911	25,384	5,954	24,674	303,283

<sup>1</sup> Preliminary.  
Statistical Reporting Service.



**Table 231.—Potatoes,<sup>1</sup> white: United States exports by country of destination and imports by country of origin, 1981-83**

Item and country	Year beginning October			Item and country	Year beginning October		
	1981	1982	1983		1981	1982	1983
<b>EXPORTS</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<b>EXPORTS</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Leeward and Windward Islands.....	380	1,083	605
Germany, Fed. Rep. of.....		1	23	Netherlands Antilles.....	1,255	401	329
Netherlands.....	6			Trinidad and Tobago.....	2	20	20
Sweden.....	239	238	67	Other countries.....			
United Kingdom.....	21		14	Total <sup>2</sup> .....	3,458	3,295	2,841
Other countries.....	6	1					
Total <sup>2</sup> .....	272	240	104	Other countries:			
Latin America:				Canada.....	90,886	82,426	59,685
Mexico.....	8,591	1,267	4,668	Guinea.....	39		
Panama.....	21	21	66	Hong Kong.....	82	169	344
Venezuela.....	1,528			Libya.....			
Other countries.....	341	320	103	Saudi Arabia.....	255	162	119
Total <sup>2</sup> .....	10,481	1,608	4,834	Singapore.....	284	149	164
Bermuda and Caribbean:				Other countries.....	469	257	258
Bahamas.....	1,329	1,046	454	Total <sup>2</sup> .....	92,015	83,163	60,570
Barbados.....	10	7	34	Grand total <sup>2</sup> .....	106,226	88,306	68,352
Bermuda.....	268	352	312				
Cayman Islands.....	27	18	4	<b>IMPORTS</b>			
Dominican Republic.....	61	110	135	Certified seed:			
French West Indies.....	106	47	8	Canada.....	61,573	32,304	31,729
Jamaica.....	20	211	940	Other potatoes:			
				Canada.....	163,526	125,790	93,943

<sup>1</sup> Includes seed potatoes.<sup>2</sup> Totals may not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 232.—Potatoes: Foreign trade, United States, 1970-83**

Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1970.....	1,230	2,928	1975.....	691	9,317	1980.....	2,412	2,459
1971.....	1,098	3,241	1976.....	806	11,617	1981.....	3,214	2,581
1972.....	759	4,430	1977.....	955	3,630	1982.....	1,144	1,932
1973.....	1,874	4,975	1978.....	703	3,025	1983.....	2,073	1,731
1974.....	1,453	4,545	1979.....	1,141	2,336			

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 233.—Sweet potatoes: Area, yield, production, season average price per hundredweight received by farmers, and value, United States, 1970-84

Year	Area harvested	Yield per acre	Production	Price <sup>1</sup>	Value of production	Year	Area harvested	Yield per acre	Production	Price <sup>1</sup>	Value of production
	1,000 acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars		1,000 acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1970 .....	127.3	103	13,164	4.38	57,760	1978 .....	112.2	117	13,115	10.60	139,226
1971 .....	112.6	102	11,494	5.22	60,127	1979 .....	114.2	117	13,370	8.92	119,093
1972 .....	113.3	107	12,170	5.73	69,969	1980 .....	102.2	107	10,953	13.60	148,359
1973 .....	111.6	109	12,156	7.32	89,163	1981 .....	109.8	117	12,799	13.60	174,748
1974 .....	118.1	113	13,339	7.34	98,228	1982 .....	115.4	129	14,833	8.03	118,864
1975 .....	114.3	113	12,891	8.59	110,758	1983 .....	102.4	118	12,083	13.60	165,265
1976 .....	114.8	116	13,273	7.50	99,054	1984 <sup>2</sup> ...	104.6	124	12,990	13.70	178,332
1977 .....	107.1	111	11,885	10.50	124,859						

<sup>1</sup> Obtained by weighting State prices by quantity sold.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 234.—Taro: Area, yield, production, price, and value, Hawaii, 1970-84

Year	Area harvested <sup>1</sup>	Yield per acre	Production	Price per pound	Value of production	Year	Area harvested <sup>1</sup>	Yield per acre	Production	Price per pound	Value of production
	Acres	1,000 pounds	1,000 pounds	Dollars	1,000 dollars		Acres	1,000 pounds	1,000 pounds	Dollars	1,000 dollars
1970 .....	470	18.2	8,555	0.086	736	1978 .....	450	17.1	7,680	0.134	1,029
1971 .....	480	18.4	8,840	.089	787	1979 .....	405	16.4	6,640	.164	1,089
1972 .....	460	19.6	9,020	.084	758	1980 .....	320	20.0	6,400	.200	1,280
1973 .....	460	18.4	8,478	.094	798	1981 .....	340	17.9	6,100	.214	1,305
1974 .....	460	19.2	8,835	.102	901	1982 .....	350	18.5	6,460	.224	1,447
1975 .....	460	16.5	7,592	.112	850	1983 .....	370	14.7	5,440	.226	1,229
1976 .....	460	16.0	7,350	.121	889	1984 <sup>2</sup> ...	370	17.1	6,310	.219	1,382
1977 .....	470	16.7	7,870	.127	999						

<sup>1</sup> Average during the year.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 235.—Sweet potatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1982-84**

State	Area harvested			Production			Price for crop of—		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	5.5	4.9	5.9	660	515	679	7.65	13.30	12.00
Calif.....	9.2	8.8	9.0	1,748	1,716	1,620	11.00	13.60	14.00
Ga.....	6.3	5.8	6.4	819	725	896	7.95	16.40	14.80
La.....	25.0	24.0	23.0	2,500	2,280	2,415	4.50	7.05	7.50
Md.....	1.3	1.1	1.1	254	182	176	7.50	10.50	10.50
Miss.....	5.0	4.7	4.8	500	447	504	7.80	12.50	9.25
N.J.....	2.9	2.4	2.4	319	216	264	9.80	15.40	15.90
N.C.....	44.0	37.0	38.0	5,940	4,440	4,940	6.95	15.70	15.40
S.C.....	5.3	4.0	5.0	663	460	500	11.70	17.50	17.40
Tenn.....	1.5	1.4	1.0	128	112	95	10.20	14.20	12.60
Tex.....	7.2	7.1	7.3	972	852	803	16.00	18.40	23.00
Va.....	2.2	1.2	.7	330	138	98	6.05	9.15	10.00
U.S.....	115.4	102.4	104.6	14,833	12,083	12,990	8.03	13.60	13.70

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 236.—Sweet potatoes: Production, seed used, and disposition, United States, 1970-83**

Year	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1970.....	13,164	685	1,520	701	10,943
1971.....	11,494	680	1,309	562	9,623
1972.....	12,170	707	1,223	546	10,401
1973.....	12,156	805	1,323	648	10,185
1974.....	13,339	792	1,285	696	11,358
1975.....	12,891	876	1,244	625	11,022
1976.....	13,273	769	1,244	976	11,053
1977.....	11,885	916	1,176	548	10,161
1978.....	13,115	1,017	1,286	627	11,202
1979.....	13,370	925	1,242	711	11,417
1980.....	10,953	924	1,092	534	9,327
1981.....	12,799	1,108	1,373	532	10,894
1982.....	14,833	989	1,693	772	12,368
1983.....	12,083	1,062	1,176	564	10,343

Statistical Reporting Service.

**Table 237.—Sweet potatoes: Production, seed used, and disposition, by States, crop of 1983**

State	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ala.....	515	24	32	10	473
Calif.....	1,716	45	51	137	1,528
Ga.....	725	42	80	20	625
La.....	2,280	192	187	68	2,025
Md.....	182	7	10	7	165
Miss.....	447	55	58	31	358
N.J.....	216	16	11	23	182
N.C.....	4,440	527	577	222	3,641
S.C.....	460	40	50	20	390
Tenn.....	112	13	23	5	84
Tex.....	852	91	88	9	755
Va.....	138	10	9	12	117
U.S.....	12,083	1,062	1,176	564	10,343

Statistical Reporting Service.

**Table 238.—Tomatoes, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1970-84**

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Area harvested	Yield per acre	Production <sup>1</sup>	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	147,100	124	18,234	11.20	204,609	245,090	20.64	5,058,950	34.00	171,857
1971.....	136,360	131	17,827	13.90	247,511	258,130	21.37	5,515,550	35.50	195,738
1972.....	145,170	137	19,925	14.80	295,582	265,020	21.90	5,803,700	35.20	204,366
1973.....	138,990	141	19,556	16.00	312,217	295,100	20.11	5,934,550	42.00	249,085
1974.....	124,160	162	20,081	17.30	347,415	337,700	20.79	7,019,850	64.50	453,022
1975.....	124,680	169	21,114	18.70	393,866	384,250	22.13	8,503,750	63.20	537,452
1976.....	127,590	171	21,772	19.10	416,562	308,960	20.95	6,471,750	58.00	375,407
1977.....	124,420	160	19,895	20.60	409,230	346,660	22.44	7,779,150	64.10	498,372
1978.....	130,220	172	22,408	19.70	440,379	295,560	21.54	6,367,700	64.20	408,950
1979.....	125,200	186	23,292	22.50	524,823	312,030	23.49	7,329,510	67.60	495,476
1980.....	126,250	201	25,393	20.70	524,919	263,030	23.61	6,210,590	61.00	378,853
1981.....	126,960	205	25,981	21.40	555,770	253,920	22.51	5,716,130	67.50	385,632
1982.....	119,690	224	26,769	22.50	603,551	295,300	24.72	7,298,990	71.60	522,422
1983.....	123,300	221	27,237	24.10	656,390	292,020	24.07	7,029,840	68.40	480,926
1984 <sup>4</sup> .....	122,880	228	27,979	25.40	711,472	291,870	26.32	7,681,160	67.40	517,488

<sup>1</sup> For fresh market, excluding the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight); 100 in 1970, 19 in 1973, and 44 in 1977. For processing, excluding 200,000 tons not marketed in 1976.

<sup>2</sup> Price and value of f.o.b. basis.

<sup>3</sup> Price and value at processing plant door.

<sup>4</sup> Preliminary.

Statistical Reporting Service.



Table 239.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1982–84

Utilization and State	Area			Production			Value per unit		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
<b>FOR FRESH MARKET</b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Jan.–June:									
Ala.....	600	600	600	60	60	60	27.20	28.00	30.00
Ark.....	1,600	600	800	160	60	84	38.00	28.00	25.00
Calif.:									
Desert.....	1,400	1,500	1,800	329	330	405	35.60	32.80	25.40
Fla.....	30,200	34,400	34,800	9,362	9,632	9,396	21.90	31.00	30.70
La.....	370	340	340	43	34	29	34.70	37.10	39.50
S.C.....	5,900	4,800	4,700	1,269	936	1,128	28.70	20.00	20.50
Tex.....	2,600	2,500	2,500	156	125	150	45.00	31.60	23.40
Total.....	42,670	44,740	45,540	11,379	11,177	11,252	23.70	30.10	29.40
July–Dec.									
Ala.....	3,000	2,300	2,500	300	184	225	20.60	28.00	36.00
Ark.....	500	1,300	1,100	40	104	96	35.00	28.80	35.10
Calif.:									
Other.....	27,300	27,800	26,100	6,825	7,784	7,047	18.90	18.90	25.30
Fla.....	11,200	12,800	12,300	3,528	4,032	4,490	25.70	19.40	18.00
Ga.....	2,000	2,400	2,800	200	206	252	23.30	24.80	25.00
Ind.....	2,000	1,100	1,100	250	132	138	15.00	23.20	27.00
Md.....	2,200	2,800	2,400	231	252	288	12.90	14.90	17.00
Mass.....	660	570	660	145	94	152	30.00	30.00	27.00
Mich.....	3,500	3,300	3,500	403	396	420	19.60	28.10	28.80
N.J.....	6,600	5,700	6,000	792	542	570	31.80	23.10	24.10
N.Y.....	3,500	3,200	3,000	420	320	330	27.90	22.80	28.20
N.C.....	1,900	1,800	1,700	276	270	247	12.00	14.30	18.80
Ohio.....	1,100	1,300	1,400	193	208	266	23.80	22.60	29.00
Pa.....	3,700	4,200	4,500	629	546	765	14.90	17.80	16.00
Tenn.....	4,300	4,200	4,200	538	420	630	23.10	20.00	13.80
Tex.....	1,600	1,400	1,400	176	168	182	30.50	19.50	18.10
Va.....	1,700	2,100	2,400	366	315	552	23.50	23.00	30.10
Total.....	76,760	78,270	77,060	15,312	15,973	16,650	21.60	19.80	22.70
Jan.–Dec. total.....	119,430	123,010	122,600	26,691	27,150	27,902	22.50	24.00	25.40
Hawaii.....	260	290	280	78	87	77	34.70	38.70	40.30
U.S.....	119,690	123,300	122,880	26,769	27,237	27,979	22.50	24.10	25.40
<b>FOR PROCESSING</b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Calif.....	232,000	233,500	239,700	6,148,000	5,972,930	6,591,750	68.50	65.70	64.80
Colo.....	860	1,100	990	13,830	17,550	13,820	67.60	69.80	79.70
Del.....	1,200	840	820	17,830	11,220	14,830	84.40	71.50	76.50
Ind.....	6,700	7,600	7,600	139,560	139,610	162,030	89.50	86.90	84.60
Md.....	4,100	2,600	2,900	64,620	35,280	52,580	82.00	75.50	76.70
Mich.....	9,700	9,200	7,400	204,670	183,080	173,900	92.60	84.00	84.00
N.J.....	5,600	4,400	4,000	106,790	69,080	78,640	87.40	83.00	80.40
Ohio.....	18,800	19,000	15,900	368,100	406,600	389,550	89.10	84.70	82.90
Pa.....	5,000	5,000	3,300	84,250	82,150	59,830	86.30	83.50	79.90
Tex.....	2,700			24,570			75.70		
Va.....	1,800	1,700	1,200	27,650	12,510	14,400	85.40	79.30	81.80
Other States <sup>2</sup> .....	6,840	7,080	8,060	99,120	99,830	129,830	85.50	82.90	85.50
U.S.....	295,300	292,020	291,870	7,298,990	7,029,840	7,681,160	71.60	68.40	67.40
Grand total.....	414,990	415,320	414,750	8,637,440	8,391,690	9,080,110	130.00	136.00	135.00

<sup>1</sup> Preliminary.<sup>2</sup> 1982—Florida, Illinois, Iowa, New Mexico, New York, North Carolina, Utah, and West Virginia; 1983—Florida, Illinois, Iowa, New Mexico, New York, North Carolina, Texas, Utah, and West Virginia; 1984—Florida, Illinois, Iowa, New Mexico, New York, North Carolina, South Carolina, Texas, Utah, and West Virginia.

Statistical Reporting Service.

Table 240.—Tomatoes: Foreign trade, United States, 1970-83

Year beginning July	Imports			Domestic exports				
	Fresh	Canned <sup>1</sup>	Paste	Fresh	Canned <sup>2</sup>	Catsup and sauces	Paste <sup>2</sup>	Juice
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1970 .....	583,828	143,158	114,663	105,660	18,358	10,290	8,277	14,709
1971 .....	585,240	138,106	107,031	119,802	17,202	12,389	6,755	10,794
1972 .....	739,170	126,287	127,941	147,574	22,701	15,200	10,617	18,316
1973 .....	611,481	72,395	82,714	153,183	25,401	16,538	45,286	11,413
1974 .....	543,734	64,774	25,811	194,183	23,015	19,049	44,535	23,442
1975 .....	629,975	76,531	30,925	199,072	34,293	39,283	24,945	38,094
1976 .....	791,134	74,505	73,957	178,395	24,199	14,967	20,937	48,524
1977 .....	828,748	75,873	56,538	199,556	26,457	16,563	31,636	37,582
1978 .....	710,578	56,944	50,085	239,715	29,564	17,019	23,568	28,742
1979 .....	687,575	31,380	31,602	256,061	44,489	21,717	40,661	26,204
1980 .....	282,484	54,491	29,415	222,154	32,501	26,662	28,064	36,607
1981 .....	786,672	156,844	182,734	189,332	25,826	26,676	17,575	30,351
1982 .....	493,958	151,296	151,980	173,975	16,638	26,651	24,234	18,944
1983 .....	784,787	245,126	179,479	170,878	13,900	20,274	22,877	8,637

<sup>1</sup> Includes "otherwise prepared," if any.<sup>2</sup> Includes exports for military-civilian feeding abroad.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 244

<sup>1</sup> Fresh vegetable consumption computed for total commercial production for fresh market, including an estimate for commercial production in States where estimates are not made separately. Does not include production for home use. Civilian consumption obtained by dividing the total apparent civilian consumption by total civilian population as reported by the Bureau of the Census. All data for calendar year, except dry field peas which are on a crop-year basis.

<sup>2</sup> Preliminary.<sup>3</sup> Data series discontinued in 1982.<sup>4</sup> Beginning in 1982, lettuce only.<sup>5</sup> Sum of broccoli, carrots, and lettuce.<sup>6</sup> Includes table stock and processed potatoes.

Economic Research Service.

Table 241.—Vegetables and melons: Arrivals at 4 markets, by commodities, 1984 <sup>1</sup>

Commodity	Baltimore <sup>2</sup>			Boston <sup>3</sup>			New York <sup>3</sup>			Philadelphia		
	Rail, boat, and air	Motor- truck <sup>4</sup>	Total	Rail, boat, and air	Motor- truck <sup>4</sup>	Total	Rail, boat, and air	Motor- truck <sup>4</sup>	Total	Rail, boat, and air	Motor- truck <sup>4</sup>	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
<b>Vegetables:</b>												
Artichokes.....		6	6	3	16	19	20	61	81	2	8	10
Asparagus.....		21	21		51	51	21	73	94		41	41
Beans.....		69	69		101	101	24	203	227		92	92
Beets.....					9	9		16	16		5	5
Broccoli.....	33	101	134	156	107	263	350	199	549	91	105	196
Brussel sprouts.....		3	3		11	11	1	5	6		1	1
Cabbage.....	6	321	327	10	385	395	42	599	641		370	370
Carrots.....	78	152	230	386	272	658	525	400	925	211	189	400
Cauliflower.....	3	78	81	12	107	119	40	159	199	2	96	98
Celery.....	19	256	275	457	367	824	382	478	860	109	300	409
Chinese cabbage.....		6	6		16	16		13	13		7	7
Corn, sweet.....	12	157	169	35	218	253	15	339	354	10	174	184
Cucumbers.....		225	225	2	594	596	25	716	741		297	297
Eggplant.....		25	25		63	63	20	208	228		47	47
Escarole-endive.....		17	17		71	71	10	168	178		47	47
Garlic.....		1	1		8	8		48	48		6	6
Greens.....		59	59		96	96	7	210	217		76	76
Lettuce, iceberg.....	172	736	908	1,160	832	1,992	1,606	1,741	3,347	644	846	1,490
Lettuce, romaine.....		57	57		102	102		220	220		80	80
Lettuce, other.....		31	31		84	84		115	115		38	38
Mixed vegetables.....	26		26	206		206	431		431	76		76
Mushrooms.....		11	11		106	106		143	143		26	26
Okra.....							9	14	23			
Onions, dry.....	125	406	531	292	679	971	602	848	1,450	197	474	671
Onions, green.....		22	22	1	31	32	56	57	113	11	22	33
Parsley.....		6	6		17	17		51	51		17	17
Peas, green.....		7	7		3	3		13	13		4	4
Peas, other.....				1		1	38	4	42			
Peppers, bell.....		138	138	4	345	349	8	508	516	3	229	232
Peppers, other.....					12	12	38	46	84		1	1
Potatoes, table.....	272	1,080	1,352	1,182	1,912	3,094	2,263	2,268	4,531	745	1,467	2,212
Potatoes, chipper.....		99	99		180	180						
Potatoes, seed.....											3	3
Pumpkins.....		12	12		14	14	9	3	12		3	3
Radishes.....		18	18		59	59		51	51		29	29
Spinach.....		15	15	1	76	77		89	89		19	19
Squash.....		54	54		322	322	43	324	367		83	83
Sweet potatoes.....		112	112		94	94		237	237	1	86	87
Tomatoes.....	18	411	429	204	821	1,025	303	922	1,225	104	415	519
Tomatoes, cherry.....		25	25		61	61		55	55		30	30
Turnips-rutabagas.....		5	5		64	64		39	39		23	23
Vegetables, other.....					30	30	135	79	214		44	44
Total.....	764	4,742	5,506	4,112	8,336	12,448	7,023	11,722	18,745	2,206	5,800	8,006
<b>Melons:</b>												
Cantaloupes.....	13	334	347	186	370	556	316	877	1,193	70	272	342
Honeydews.....	6	122	128	38	119	157	233	299	532	11	102	113
Mixed and miscellaneous.....	1	8	9	31	26	57	107	49	156	1	32	33
Watermelons.....	8	536	544	41	615	656	185	842	1,027	17	395	412
Total.....	28	1,000	1,028	296	1,130	1,426	841	2,067	2,908	99	801	900
Grand total.....	792	5,742	6,534	4,408	9,466	13,874	7,864	13,789	21,653	2,305	6,601	8,906

<sup>1</sup> Use of car/carlot equivalents for reporting unloads of fresh vegetables and melons was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-77 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 274. The term "unloads" was discontinued in favor of the term "arrivals" at the close of calendar year 1981.

<sup>2</sup> Includes Washington.

<sup>3</sup> Includes Newark.

<sup>4</sup> Estimated percentages of completeness for reported truck arrivals for 1983 are as follows: Baltimore 85, Boston 90, New York 90, and Philadelphia 90.

Agricultural Marketing Service.

Table 242.—Vegetables and melons: Arrivals at 4 markets, by commodities, 1984 <sup>1</sup>

Commodity	Atlanta			Chicago			Los Angeles			San Francisco <sup>2</sup>		
	Rail, boat, and air	Motor- truck <sup>3</sup>	Total	Rail, boat, and air	Motor- truck <sup>3</sup>	Total	Rail, boat, and air	Motor- truck <sup>3</sup>	Total	Rail, boat, and air	Motor- truck <sup>3</sup>	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
<b>Vegetables:</b>												
Artichokes .....				5	12	17	106	106			88	88
Asparagus .....		9	9	1	25	26	48	48			70	70
Beans .....		60	60		48	48	174	174			85	85
Beets .....					7	7	59	59			12	12
Broccoli .....		60	60	405	82	487	413	413			224	224
Brussel sprouts .....				12	7	19	52	52			22	22
Cabbage .....		347	347	17	366	383	691	691			285	285
Carrots .....	13	141	154	310	183	493	1,317	1,317			389	389
Cauliflower .....		33	33	138	82	220	207	207			101	101
Celery .....	6	111	117	718	236	954	1,096	1,096			387	387
Chinese cabbage .....		11	11		12	12	187	189			102	102
Corn, sweet .....		173	173		204	204	361	361			192	192
Cucumbers .....		146	146	3	247	250	504	504			189	189
Eggplant .....		6	6		24	24	122	122			50	50
Escarole-endive .....		8	8		29	29	47	47			13	13
Garlic .....				1	12	13	19	19			24	24
Greens .....		150	150		95	95	279	279			53	53
Lettuce, iceberg .....	1	669	670	4,066	712	4,778	1,766	1,766			956	956
Lettuce, romaine .....		22	22		51	51	368	368			154	154
Lettuce, other .....		35	35		24	24	250	250				
Mixed vegetables .....												
Mushrooms .....		27	27	375		375					241	241
Okra .....		10	10		175	175	286	286			140	140
Onions, dry .....	47	749	796	214	589	803	27	1,872	1,899		1,113	1,113
Onions, green .....		31	31	24	26	50	127	127			96	96
Parsley .....		1	1		15	15	58	58			32	32
Peas, green .....							13	13			15	15
Peas, other .....		7	7		5	5	68	70			23	23
Peppers, bell .....		64	64	4	182	186	392	392			188	188
Peppers, other .....					13	13	156	156			21	21
Potatoes, table .....	469	1,401	1,870	1,107	1,894	3,001	21	5,302	5,323		2,450	2,450
Potatoes, chipper .....	124	327	451		133	133					453	453
Potatoes, seed .....		16	16									
Pumpkins .....		19	19		4	4	4	4			12	12
Radishes .....		8	8		26	26	142	142			63	63
Spinach .....		15	15	1	69	70	176	176			101	101
Squash .....		75	75		59	59	547	547			275	275
Sweet potatoes .....		111	111		99	99	184	184			105	105
Tomatoes .....		507	507	46	767	813	1,712	1,712			746	746
Tomatoes, cherry .....		26	26		34	34	129	129			53	53
Turnips-rutabagas .....		25	25		17	17	70	70			24	24
Vegetables, other .....		10	10		28	28	707	712			148	148
<b>Total .....</b>	<b>660</b>	<b>5,410</b>	<b>6,070</b>	<b>7,447</b>	<b>6,602</b>	<b>14,049</b>	<b>57</b>	<b>20,047</b>	<b>20,104</b>		<b>9,699</b>	<b>9,699</b>
<b>Melons:</b>												
Cantaloups .....		250	250	322	297	619	1	785	786		528	528
Honeydews .....		76	76	207	104	311	15	493	508		192	192
Mixed and miscellaneous .....		7	7	48	16	64		114	114		94	94
Watermelons .....		552	552	1	688	689		1,025	1,025		308	308
<b>Total .....</b>		<b>885</b>	<b>885</b>	<b>578</b>	<b>1,105</b>	<b>1,683</b>	<b>16</b>	<b>2,417</b>	<b>2,433</b>		<b>1,122</b>	<b>1,122</b>
<b>Grand total .....</b>	<b>660</b>	<b>6,295</b>	<b>6,955</b>	<b>8,025</b>	<b>7,707</b>	<b>15,732</b>	<b>73</b>	<b>3,124</b>	<b>22,537</b>		<b>10,821</b>	<b>10,821</b>

<sup>1</sup> Use of car/carlot equivalents for reporting unloads of fresh vegetables and melons was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-77 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 274. The term "unloads" was discontinued in favor of the term "arrivals" at the close of calendar year 1981.

<sup>2</sup> Includes Oakland.

<sup>3</sup> Estimated percentages of completeness for reported truck arrivals for 1983 are as follows: Atlanta 80, Chicago 90, Los Angeles 85, and San Francisco 80.

Agricultural Marketing Service.



Table 243.—Vegetables, and melons, fresh: Total reported domestic rail, truck, and air shipments, 1984 <sup>1</sup>

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
<b>Vegetables:</b>													
Artichokes.....	6	13	141	281	115	25	18	26	39	25	35	24	748
Asparagus.....	8	32	225	323	255	87							930
Beans.....	54	69	197	156	132	73	44	37	17	98	123	142	1,142
Beets.....	5	1	4	16	3						2	10	41
Broccoli.....	617	501	581	682	686	499	458	383	410	409	494	607	6,327
Cabbage.....	822	907	1,169	1,472	1,493	657	323	912	825	624	651	975	10,830
Carrots.....	1,183	1,082	1,353	1,292	1,411	1,275	928	703	682	742	764	817	12,232
Cauliflower.....	352	457	469	436	465	313	278	195	258	382	329	384	4,318
Celery.....	1,315	1,321	1,523	1,336	1,444	1,579	1,127	1,047	1,026	1,252	1,654	1,632	16,256
Chinese cabbage.....	18	17	28	17	14	1					6	14	115
Corn, sweet.....	22	46	88	318	1,483	1,272	676	497	180	197	228	104	5,111
Cucumbers.....	113	87	206	504	1,003	573	291	471	460	534	493	258	4,993
Eggplant.....	28	12	33	51	70	62	34	9	5	38	74	64	480
Escarole- endive.....	65	74	84	66	45					3	44	64	445
Greens.....	133	175	216	146	58	3			2	11	76	213	1,033
Lettuce, iceberg.....	5,576	4,582	5,461	5,272	5,977	5,427	4,958	4,832	4,432	4,620	5,280	3,942	60,359
Lettuce, romaine.....	226	131	96	44	29	18	25	33	24	25	66	163	880
Lettuce, other... Mixed.....	102	77	53	34	15	9	21	25	17	18	40	91	502
vegetables.....	116	92	138	143	169	112	97	67	83	82	88	118	1,305
Okra.....	2	2	5	7	18	15	7	2	1	6	6	2	73
Onions, dry.....	2,093	1,789	1,441	1,821	2,886	2,464	2,306	2,033	2,461	2,578	2,878	2,336	27,086
Onions, green.....	66	59	72	91	120	114	90	88	77	111	86	72	1,046
Parsley.....	18	19	22	31	18	2				1	14	26	151
Peas, other.....	4	3	3	4	8	6	1	1	1	1	3	5	40
Peppers, bell.....	210	111	204	466	653	564	351	252	375	356	538	458	4,538
Peppers, other... Potatoes, table.....	1	7	6	3		5	11	4	6	5	14	9	71
Potatoes, table.....	10,096	8,584	9,828	9,023	9,880	8,582	6,667	8,423	7,498	8,387	8,599	8,282	103,849
Potatoes, chipper.....	1,267	1,181	1,725	1,989	3,670	2,843	1,131	1,136	1,348	1,259	1,352	1,558	20,459
Potatoes, seed... Radishes.....	589	821	2,082	3,249	749	57				5	129	339	8,020
Spinach.....	139	171	159	127	154	34	20	19	15	70	144	163	1,215
Squash.....	78	107	104	14	3	9	9	12	12	14	37	75	474
Sweet potatoes... Tomatoes.....	67	102	247	290	165	47	7		2	50	182	161	1,320
Sweet potatoes... Tomatoes, cherry.....	240	255	244	298	171	99	53	89	287	356	681	503	3,276
Tomatoes, cherry..... Turnips.....	1,054	520	961	1,760	2,764	2,659	1,495	888	1,293	1,718	2,039	1,914	19,065
Turnips, rutabagas other.....					1	49	74	34	20	62	77	66	383
Vegetables, other.....	28	29	34	28	18	13	9	2	3	7	8	9	188
Total.....	58	74	126	158	204	145	17	8	7	22	39	53	911
<b>Melons:</b>													
Cantaloupes..... Honeydews.....		1	1		1,478	3,642	3,407	2,477	1,446	475	242	10	13,179
Mixed and miscellaneous.....	17	16	9	13	419	748	791	951	713	170	170	35	4,052
Watermelons.....	11				6	80	184	213	115	43	40	16	708
Total.....	3			95	3,167	8,848	5,778	2,140	173	14	39	28	20,285
<b>Grand total.....</b>	<b>31</b>	<b>17</b>	<b>10</b>	<b>108</b>	<b>5,070</b>	<b>13,318</b>	<b>10,160</b>	<b>5,781</b>	<b>2,447</b>	<b>702</b>	<b>491</b>	<b>89</b>	<b>38,224</b>
<b>Grand total.....</b>	<b>26,802</b>	<b>23,527</b>	<b>29,338</b>	<b>32,056</b>	<b>41,419</b>	<b>43,010</b>	<b>31,686</b>	<b>28,009</b>	<b>24,313</b>	<b>24,770</b>	<b>27,764</b>	<b>25,742</b>	<b>358,436</b>

<sup>1</sup> Use of car/carlot equivalents for reporting shipments of fresh vegetables was discontinued at the close of calendar year 1977. Rail and boat shipment totals of specified commodities for 1963-1977 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 275.

<sup>2</sup> Not otherwise specified.

Agricultural Marketing Service. Compiled from daily reports received from rail carriers, inspection service and shipping points.

Table 244.—Vegetables (fresh), melons, potatoes, sweet potatoes, dry edible beans, and dry field peas: Per capita civilian consumption (farm-weight basis), United States, 1970-84 <sup>1</sup>

Year	Tomatoes	Leafy, green, and yellow vegetables			
		Asparagus	Broccoli	Carrots	Lettuce and escarole
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1970.....	12.3	0.5	0.5	5.9	23.1
1971.....	11.4	.4	.7	6.1	23.1
1972.....	12.1	.5	.7	6.5	23.2
1973.....	12.5	.4	.8	6.7	23.0
1974.....	11.8	.4	.8	6.9	23.5
1975.....	11.9	.4	1.0	6.4	23.5
1976.....	12.6	.4	1.1	6.4	24.2
1977.....	12.4	.3	1.2	5.0	25.8
1978.....	13.2	.3	1.1	5.6	25.6
1979.....	12.9	.3	1.5	6.4	26.0
1980.....	13.4	.3	1.6	7.0	26.8
1981.....	13.2	.3	1.8	7.1	25.7
1982.....	13.8	( <sup>3</sup> )	2.2	7.4	<sup>4</sup> 25.7
1983.....	13.7	( <sup>3</sup> )	2.2	7.3	<sup>4</sup> 25.6
1984 <sup>2</sup> .....	15.2	( <sup>3</sup> )	2.5	7.8	<sup>4</sup> 26.4

  

Year	Leafy, green, and yellow vegetables—Continued	Other vegetables			
		Cauliflower	Celery	Corn	Onions and shallots
	Total				
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1970.....	30.0	.7	7.2	7.9	12.2
1971.....	30.3	.7	7.3	7.5	<sup>6</sup> 9.8
1972.....	30.9	.8	7.1	7.8	9.8
1973.....	31.6	.8	7.5	8.0	9.2
1974.....	32.3	.8	7.3	7.6	10.5
1975.....	32.0	.9	7.0	7.8	9.5
1976.....	32.8	1.0	7.4	8.1	10.0
1977.....	32.9	1.1	7.0	7.7	10.0
1978.....	32.6	.9	7.3	7.3	10.3
1979.....	34.2	1.3	7.4	7.3	9.3
1980.....	35.7	1.3	7.8	7.2	9.9
1981.....	34.8	1.6	7.7	9.1	9.3
1982.....	<sup>5</sup> 35.9	1.6	7.8	7.2	11.6
1983.....	<sup>5</sup> 35.1	1.8	7.4	7.4	11.8
1984 <sup>2</sup> .....	<sup>5</sup> 36.7	1.9	7.5	7.3	12.2

  

Year	Honeydew melons	Total vegetables and melons	Potatoes <sup>6</sup>	Sweet-potatoes	Dryfield peas
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1970.....	1.1	71.4	117	5.6	.3
1971.....	1.1	68.1	118	4.9	.3
1972.....	1.2	69.7	119	4.8	.3
1973.....	1.3	70.2	116	4.7	.5
1974.....	1.2	70.8	113	4.7	.4
1975.....	1.2	69.6	121	5.6	.4
1976.....	1.2	72.4	115	5.1	.4
1977.....	1.3	71.9	120	4.6	.2
1978.....	1.6	73.2	120	3.6	.4
1979.....	1.6	74.5	120	3.9	.4
1980.....	1.4	76.7	118	3.4	.4
1981.....	1.6	75.4	114	3.3	.4
1982.....	2.1	79.0	116	4.2	.5
1983.....	1.9	79.1	120	3.8	.5
1984 <sup>2</sup> .....	1.8	82.4	120	3.8	.....

See footnotes on page 173.

Table 245.—Vegetables, canned: United States pack (24/303 basis) of selected items, 1970-84

Season	Aspara- gus	Beans, lima	Beans, snap	Beets	Carrots	Sweet corn	Peas, green	Pickles	Pimien- tos
	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
1970.....	5,675	2,776	47,572	11,638	4,999	46,995	28,697	65,946	627
1971.....	5,542	3,116	50,011	10,241	5,710	53,757	33,197	63,072	737
1972.....	5,860	2,116	47,556	9,448	5,093	52,957	33,081	63,969	650
1973.....	5,794	3,150	55,002	11,324	6,160	55,227	29,558	67,066	269
1974.....	5,643	2,523	62,319	14,819	7,193	46,431	33,120	66,864	396
1975.....	3,551	3,729	55,390	13,394	5,035	57,458	35,172	75,516	613
1976.....	3,609	2,812	47,421	9,164	5,327	54,694	31,927	70,986	702
1977.....	3,705	2,657	54,494	11,348	5,973	56,300	30,238	69,871	407
1978.....	3,382	3,356	57,121	12,834	6,609	57,907	25,269	76,770	376
1979.....	2,819	3,061	66,281	14,990	6,928	60,022	36,492	74,925	530
1980.....	2,535	2,833	59,689	11,322	5,084	50,574	30,056	68,227	540
1981.....	2,844	2,602	52,808	9,555	4,639	57,949	27,296	64,443	608
1982.....	2,727	2,275	48,832	10,049	4,525	60,522	24,790	n.a.	756
1983.....	2,549	2,338	46,506	9,036	4,958	51,595	20,827	n.a.	n.a.
1984 <sup>1</sup> .....	2,928	2,316	45,903	9,119	4,832	56,879	23,312	65,447	n.a.

  

Season	Pumpkin and squash	Sauerkraut	Spinach	Tomatoes	Tomato juice <sup>2</sup>	Tomato pulp and puree	Total of these items
	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
1970.....	3,973	14,369	7,270	39,017	36,761	5,947	322,262
1971.....	4,581	12,687	7,675	38,367	38,411	7,844	334,948
1972.....	4,064	10,697	8,217	43,301	31,074	9,705	327,788
1973.....	4,632	11,834	8,944	45,431	33,936	9,895	348,222
1974.....	4,214	15,198	10,834	43,794	36,133	10,282	359,762
1975.....	5,805	12,946	8,328	53,465	35,358	13,807	379,567
1976.....	5,500	12,531	6,304	42,614	32,154	8,377	334,122
1977.....	2,962	12,677	7,108	54,124	27,844	9,284	349,532
1978.....	3,353	11,761	6,214	49,241	33,920	8,425	356,538
1979.....	3,997	12,842	8,212	52,896	31,517	10,395	385,816
1980.....	5,219	11,287	6,314	53,096	28,624	8,141	343,541
1981.....	3,975	13,289	5,458	51,937	17,507	6,900	331,810
1982.....	4,404	10,773	n.a.	63,089	23,955	9,788	266,485
1983.....	n.a.	9,696	n.a.	61,561	n.a.	8,703	217,769
1984 <sup>1</sup> .....	n.a.	n.a.	n.a.	<sup>3</sup> 43,170	n.a.	n.a.	253,906

<sup>1</sup> Preliminary.<sup>2</sup> Includes combination vegetable juices containing at least 70 percent tomato juice.<sup>3</sup> Data does not include concentrated crushed tomatoes published by California League of Processed Foods.

n.a. not available.

Economic Research Service. Compiled mainly from reports of the National Food Processors Association.

## FOOTNOTES FOR TABLE 250

<sup>1</sup> Preliminary.<sup>2</sup> Included, with leafy, green, and yellow vegetables because most items included are considered to be greens.

Economic Research Service.

**Table 246.—Vegetables, canned: Civilian per capita consumption (processed basis, net canned weight), United States, 1970–84 <sup>1</sup>**

Year	Leafy, green and yellow vegetables					Tomato products
	Asparagus	Lima beans	Snap beans	Carrots	Peas	
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1970.....	0.7	0.4	5.8	0.6	3.9	15.4
1971.....	.6	.4	5.9	.6	3.8	15.9
1972.....	.6	.3	5.8	.8	3.8	16.9
1973.....	.7	.3	5.9	.6	4.3	17.3
1974.....	.5	.3	5.9	.6	3.5	17.6
1975.....	.5	.3	5.5	.6	3.4	17.9
1976.....	.6	.3	5.9	.5	3.6	20.1
1977.....	.4	.4	5.8	.6	3.8	16.8
1978.....	.3	.3	5.9	.5	3.6	18.5
1979.....	.3	.3	5.8	.5	3.2	17.3
1980.....	.3	.3	6.3	.5	3.3	17.5
1981.....	.3	.3	5.3	.4	3.0	16.4
1982.....	.3	.3	5.3	.3	3.0	16.9
1983.....	.3	.3	5.2	.6	2.7	18.3
1984 <sup>3</sup> .....	.3	.2	4.2	.6	2.4	19.0

  

Year	Other vegetables			Sweet potatoes	Total <sup>4</sup>
	Beets	Corn	Pickles		
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1970.....	1.5	5.9	7.4	1.2	42.8
1971.....	1.4	6.2	7.6	1.2	43.6
1972.....	1.5	6.5	7.8	1.1	45.2
1973.....	1.3	6.4	7.9	1.3	45.9
1974.....	1.3	6.0	7.7	1.4	44.8
1975.....	1.3	5.0	7.7	.9	43.1
1976.....	1.3	5.7	8.3	.9	47.2
1977.....	1.4	6.2	8.1	.8	44.3
1978.....	1.4	5.9	8.1	1.1	45.6
1979.....	1.2	5.7	8.3	.9	43.5
1980.....	1.2	5.8	7.8	.7	43.7
1981.....	1.2	5.1	7.5	.9	40.4
1982.....	1.1	5.4	6.9	.8	40.3
1983.....	1.1	5.2	n.a.	1.2	34.9
1984 <sup>3</sup> .....	1.1	4.8	n.a.	1.2	33.8

<sup>1</sup> Excludes soups and baby food. Civilian consumption only.

<sup>2</sup> Includes estimates of paste, sauce, catsup, chili sauce, tomato and other vegetable juices.

<sup>3</sup> Preliminary.

<sup>4</sup> Totals may not add due to rounding.

n.a. not available.

Economic Research Service.

#### FOOTNOTES FOR TABLE 251

<sup>1</sup> See table 248 for items included. Excludes melons.

<sup>2</sup> Excludes dehydrated onions.

<sup>3</sup> See tables 245 and 250 for items included. Data include pickles and sauerkraut in bulk; exclude canned and frozen potatoes, canned sweetpotatoes, canned baby foods, and canned soups.

<sup>4</sup> Preliminary.

Economic Research Service.



Table 247.—Vegetables, frozen: Commercial pack, United States, 1975–84

Commodity	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Artichokes <sup>1</sup> .....	2,236	2,262	1,660	363	1,790	984	1,693	1,419	1,075	1,643
Asparagus .....	18,409	23,750	22,474	15,427	23,989	11,232	11,289	16,958	13,599	15,099
Beans, butter .....	8,012	9,431	7,917	12,609	3,876	4,544	8,630	8,986	6,546	7,901
Beans, green, regular cut .....	144,309	114,446	142,239	161,085	162,000	155,996	160,020	190,658	162,699	158,413
Beans, green, French cut .....	59,000	59,974	82,633	95,117	91,686	71,713	78,639	82,485	78,825	81,355
Beans, green, wax .....	6,830	7,000	5,605	7,478	10,629	8,744	9,227	8,283	7,387	8,487
Beans, green, Italian .....	5,987	11,594	15,907	16,667	19,213	16,855	15,443	20,355	19,954	22,665
Beans, whole .....	4,876	4,933	5,376	7,043	9,022	7,473	9,534	11,886	14,308	20,275
Beans, baby lima .....	85,670	43,854	92,154	81,145	82,775	52,788	67,484	91,781	85,162	82,985
Beans, lima, Fordhook .....	50,245	24,973	45,204	38,110	41,498	33,120	21,356	31,941	(*)	(*)
Broccoli .....	191,638	201,513	314,395	276,519	298,618	290,657	306,755	335,516	285,358	365,764
Brussels sprouts .....	54,422	44,845	56,642	71,161	61,353	63,366	62,162	52,980	41,354	50,449
Carrots .....	165,869	181,277	263,769	238,415	263,080	191,151	269,845	296,679	212,500	255,585
Cauliflower .....	76,056	67,807	96,670	127,513	101,130	84,766	105,161	111,644	100,541	102,106
Celery .....	7,077	10,286	9,642	17,507	17,494	8,729	11,762	12,764	13,497	17,062
Collards .....	14,126	17,022	19,269	17,901	16,534	13,206	16,051	18,031	9,440	12,968
Corn, cut .....	288,067	282,391	260,773	303,155	310,648	270,531	313,982	455,714	367,272	323,977
Corn-on-cob .....	183,381	187,582	265,183	307,079	269,422	258,567	305,390	378,629	293,947	349,666
Kale .....	5,071	4,597	6,515	5,403	3,637	4,292	4,788	4,727	2,894	3,335
Mushrooms <sup>2</sup> .....		5,938	10,465	8,848	14,193	14,708	22,074	23,443	24,539	24,457
Mustard greens .....	10,238	10,396	13,857	10,595	10,020	7,465	13,011	8,516	7,998	8,508
Okra .....	27,970	27,489	41,551	46,295	33,305	41,698	43,774	54,339	46,038	54,579
Onions .....	121,101	148,963	152,718	154,080	167,239	156,081	159,874	182,344	139,637	156,482
Peas, blackeye .....	21,745	31,368	36,054	36,981	21,099	20,933	33,404	23,821	22,926	28,207
Peas, green .....	400,587	340,366	333,954	357,717	427,461	315,577	333,888	404,830	354,480	423,740
Peppers, green and red <sup>3</sup> .....	9,601	8,447	14,316	11,993	10,661	15,367	16,147	12,940	24,523	25,586
Potato products .....	3,000,983	3,335,051	3,622,823	3,848,810	4,089,732	3,853,156	4,236,239	4,377,228	4,509,905	4,732,894
Pumpkin and cooked squash .....	29,802	22,177	25,168	25,058	23,667	23,000	37,806	24,897	17,759	15,824
Rhubarb .....	5,986	8,231	8,626	4,856	7,899	8,444	6,483	6,767	3,402	5,271
Spinach .....	129,399	160,247	167,766	147,389	181,279	169,298	183,646	150,667	143,205	171,249
Squash, summer .....	27,906	35,377	41,598	43,826	38,149	36,737	46,833	65,179	62,738	66,467
Sweet potatoes and yams .....	11,378	12,038	11,091	15,483	14,981	16,135	19,993	20,822	9,719	13,749
Turnip greens .....	15,545	14,457	17,168	13,735	15,948	10,705	13,020	9,799	11,925	10,299
Turnip greens with turnips .....	17,562	22,011	25,331	23,511	23,210	21,321	19,243	19,759	23,290	19,215
Miscellaneous vegetables .....	11,882	8,942	9,296	11,859	7,922	9,890	7,682	14,411	35,263	44,746
Total .....	5,212,966	5,491,035	6,245,809	6,560,733	6,875,159	6,269,229	6,972,328	7,531,198	7,153,705	7,681,008

<sup>1</sup> Included in "Miscellaneous vegetables" prior to 1973.<sup>2</sup> Included in "Miscellaneous vegetables" prior to 1976.<sup>3</sup> Included in "Miscellaneous vegetables" prior to 1972.<sup>4</sup> Included in "Miscellaneous vegetables" beginning 1983.

Economic Research Service. Data from American Frozen Food Institute.

Table 248.—Vegetables, frozen: Commercial pack, by kinds and regions, United States, 1984

Commodity	East and South <sup>1</sup>	Midwest <sup>2</sup>	West <sup>3</sup>	Northwest <sup>4</sup>	California	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Artichokes.....					1,643	1,643
Asparagus.....					<sup>5</sup> 15,099	15,099
Beans, butter.....	<sup>6</sup> 7,901					7,901
Beans, green, regular cut.....	57,186	20,913	80,314			158,413
Beans, green, French cut.....		45,487			35,868	81,355
Beans, wax.....		8,487				8,487
Beans, green, Italian.....	<sup>7</sup> 22,665					22,665
Beans, whole.....		8,049			12,226	20,275
Beans, baby lima.....		24,039			58,946	82,985
Broccoli.....				35,389	330,375	365,764
Brussels sprouts.....					<sup>8</sup> 50,449	50,449
Carrots.....		<sup>8</sup> 69,104		101,441	85,040	255,585
Cauliflower.....				<sup>9</sup> 30,044	72,062	102,106
Celery.....					17,062	17,062
Collards.....	12,968					12,968
Corn, cut.....	48,848	65,179	209,950			323,977
Corn-on-cob.....	59,250	93,285	197,131			349,666
Kale.....	3,335					3,335
Mustard greens.....	8,508					8,508
Okra.....	54,579					54,579
Onions.....			156,482			156,482
Peas, blackeye.....	28,207					28,207
Peas, green.....	53,869	73,220			296,651	423,740
Peppers, green and red.....			<sup>10</sup> 25,586			25,586
Potato products.....		<sup>8</sup> 844,709	<sup>4</sup> 3,867,330		20,855	4,732,894
Pumpkins and cooked squash.....	<sup>10</sup> 15,824					15,824
Rhubarb.....	<sup>8</sup> 5,271					5,271
Spinach.....	38,733			132,516		171,249
Squash, summer.....	66,467					66,467
Sweet potatoes and yams.....	13,749					13,749
Turnip greens.....	10,299					10,299
Miscellaneous vegetables.....	<sup>11</sup> 44,746					44,746
Turnip greens with turnips.....	19,215					19,215
Mushrooms.....	24,457					24,457
Total.....	573,412	1,275,137	4,536,793	299,390	996,276	7,681,008

<sup>1</sup> Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Mississippi, Missouri, New Jersey, New Mexico, New York, North Carolina, Oklahoma, Pennsylvania, Tennessee, Texas, and Virginia. <sup>2</sup> Illinois, Indiana, Michigan, Minnesota, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. <sup>3</sup> California, Colorado, Idaho, Montana, Oregon, Washington, and Wyoming. <sup>4</sup> Idaho, Oregon, and Washington. <sup>5</sup> East, South, West, Washington, and California. <sup>6</sup> East, South, and West. <sup>7</sup> East, Midwest, and West. <sup>8</sup> East, South, and Midwest. <sup>9</sup> East, South, Midwest, and Northwest. <sup>10</sup> East, South, Midwest, and West. <sup>11</sup> Regional packs not reported; allocated on basis of aggregate packs of other items.

Economic Research Service. Data from American Frozen Food Institute.

**Table 249.—Frozen vegetables and potato products: Cold-storage holdings end of month, United States, 1983 and 1984**

Month	Total green beans		Total broccoli		Total carrots		Total sweet corn	
	1983	1984	1983	1984	1983	1984	1983	1984
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January .....	178,786	184,336	91,326	61,415	206,556	169,022	506,997	471,423
February .....	159,027	147,677	88,518	62,099	193,156	155,202	458,083	405,081
March .....	133,281	124,821	75,752	71,027	177,375	141,133	383,309	341,149
April .....	113,721	103,125	65,569	78,708	166,147	121,945	334,773	280,675
May .....	94,185	80,031	60,623	91,997	156,796	110,867	278,909	212,140
June .....	86,369	81,518	60,098	100,281	147,225	106,260	230,706	164,356
July .....	123,680	123,193	83,911	120,458	142,845	96,669	192,298	124,541
August .....	259,082	263,758	95,683	121,500	135,565	88,959	354,511	292,598
September .....	278,370	260,146	86,917	111,292	122,808	92,348	620,009	557,510
October .....	259,275	234,632	81,845	96,597	172,163	131,302	659,745	582,181
November .....	235,304	208,237	76,870	89,708	191,710	166,230	597,549	527,734
December .....	212,005	189,759	70,802	92,757	186,406	163,749	542,616	474,726

  

Month	Total lima beans		Cauliflower		Spinach		Brussels sprouts	
	1983	1984	1983	1984	1983	1984	1983	1984
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January .....	67,661	74,427	66,371	66,314	36,954	34,056	41,302	37,417
February .....	62,044	65,638	62,339	59,603	28,699	25,151	38,143	33,621
March .....	51,554	59,791	53,910	48,045	32,506	55,218	35,696	27,996
April .....	45,049	51,869	48,220	40,501	69,439	107,432	30,331	23,293
May .....	39,098	43,581	39,981	36,947	79,101	107,491	27,536	20,160
June .....	33,116	37,529	36,265	31,108	75,058	100,339	24,281	17,170
July .....	27,474	32,696	38,106	33,227	70,052	93,618	23,335	15,002
August .....	40,335	53,479	45,112	36,938	59,714	81,548	19,443	11,908
September .....	90,223	100,801	50,967	45,387	54,308	69,257	14,420	14,624
October .....	97,578	103,501	60,689	61,194	52,816	63,320	20,251	25,203
November .....	94,569	93,560	71,981	67,455	49,604	53,933	33,825	39,905
December .....	87,458	83,501	71,286	75,994	42,283	45,304	39,224	42,365

  

Month	Total onions		Green peas		Total frozen vegetables		Total frozen potatoes	
	1983	1984	1983	1984	1983	1984	1983	1984
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January .....	32,167	30,289	206,666	193,721	1,812,740	1,675,598	809,144	754,803
February .....	32,320	29,870	176,227	151,250	1,645,587	1,463,357	879,890	783,905
March .....	32,247	26,479	138,746	118,599	1,439,141	1,311,003	911,889	827,579
April .....	30,473	22,432	110,700	102,494	1,314,861	1,226,398	957,969	808,168
May .....	28,358	20,237	92,530	82,478	1,183,092	1,094,891	986,649	843,309
June .....	25,882	21,218	156,855	126,417	1,188,081	1,081,974	1,015,273	840,438
July .....	28,431	22,609	322,720	311,332	1,399,631	1,310,713	823,158	626,831
August .....	28,994	21,288	349,817	386,200	1,764,214	1,755,657	603,806	516,529
September .....	28,333	19,365	333,368	364,715	2,053,201	2,030,721	637,167	635,332
October .....	29,318	20,327	300,508	325,270	2,130,515	2,070,681	775,170	821,344
November .....	29,032	23,773	267,114	286,696	2,053,448	1,986,389	817,350	884,232
December .....	28,818	23,437	229,015	252,861	1,884,261	1,857,392	772,962	892,287

Statistical Reporting Service.

Table 250.—Vegetables, frozen: Civilian per capita consumption (processed weight basis), United States, 1970-84

Year	Leafy, green, and yellow vegetables							
	Asparagus	Snap beans	Lima beans	Carrots	Peas	Broccoli	Brussels sprouts	Southern greens
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1970.....	0.1	1.1	0.7	0.8	1.9	0.8	0.2	.....
1971.....	.1	1.0	.6	.7	1.8	.9	.2	.....
1972.....	.1	1.1	.7	.8	1.8	1.0	.2	.....
1973.....	.1	1.1	.7	1.0	1.8	1.1	.2	.....
1974.....	.1	1.1	.6	1.0	1.7	1.0	.3	.....
1975.....	.1	.9	.5	.9	1.7	1.0	.2	0.3
1976.....	.1	1.1	.5	.9	1.6	1.0	.2	.3
1977.....	.1	1.0	.5	1.0	1.5	1.1	.2	.3
1978.....	.1	1.0	.5	1.0	1.5	1.4	.3	.3
1979.....	.1	1.1	.5	1.1	1.7	1.3	.3	.4
1980.....	.1	1.0	.5	.9	1.5	1.4	.2	.2
1981.....	.1	1.1	.5	1.0	1.6	1.5	.3	.3
1982.....	.1	1.1	.5	1.0	1.4	1.5	.3	.3
1983.....	.1	1.0	.3	1.0	1.5	1.5	.2	.3
1984 <sup>1</sup> .....	.1	1.1	.4	1.2	1.6	1.7	.2	.2

Year	Leafy, green, and yellow vegetables—Continued		Other vegetables			Total vegetables excluding potatoes	Potato products	Grand total
	Spinach	Other <sup>2</sup>	Cauliflow-er	Corn, cut basis	Onions			
						<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1970.....	.7	1.1	.3	1.6	.3	9.6	11.1	20.7
1971.....	.7	1.2	.4	1.5	.3	9.5	12.1	21.5
1972.....	.7	1.1	.4	1.5	.5	9.9	12.2	22.1
1973.....	.7	1.3	.4	1.6	.5	10.5	13.2	23.7
1974.....	.8	.9	.4	1.6	.5	10.7	13.1	23.1
1975.....	.6	.9	.4	1.5	.6	9.6	13.7	23.3
1976.....	.7	1.1	.4	1.5	.6	10.0	14.6	24.6
1977.....	.7	.9	.4	1.7	.7	10.1	15.7	25.8
1978.....	.7	.9	.5	1.8	.7	10.7	17.2	27.9
1979.....	.7	.8	.5	2.1	.7	11.3	17.7	29.0
1980.....	.8	.7	.5	1.9	.7	10.4	16.9	27.3
1981.....	.8	.9	.6	2.1	.7	11.5	18.2	29.7
1982.....	.7	.9	.5	2.0	.8	11.0	18.1	29.2
1983.....	.6	1.2	.5	2.2	.6	11.0	18.7	29.8
1984 <sup>1</sup> .....	.7	1.2	.5	2.3	.7	12.0	17.4	29.4

See footnotes on page 178.

Table 251.—Commercially produced vegetables: Civilian per capita consumption, United States, 1970-84

Year	Fresh equivalent					Percentage of annual total			
	Total fresh and processed	Fresh <sup>1 2</sup>	Processed <sup>3</sup>			Fresh	Processed		
			Total	Canned	Frozen		Total	Canned	Frozen
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1970.....	183.1	68.5	114.6	94.0	20.5	37.4	62.6	51.3	11.2
1971.....	179.1	65.7	113.4	93.6	20.1	36.7	63.3	52.2	11.2
1972.....	179.9	63.5	116.2	96.3	20.3	35.3	64.6	53.5	11.3
1973.....	190.9	68.4	122.5	101.6	21.7	35.8	64.2	53.2	11.4
1974.....	190.4	69.8	120.6	100.9	20.9	36.7	63.3	53.0	11.0
1975.....	185.0	64.7	120.3	101.9	19.6	35.0	65.0	55.1	10.6
1976.....	192.5	70.6	121.9	102.9	20.3	36.7	63.3	53.4	10.5
1977.....	193.6	70.3	123.3	102.5	20.8	36.3	63.7	52.9	10.7
1978.....	189.6	71.3	118.3	96.9	21.4	37.6	62.4	51.1	11.3
1979.....	199.3	72.5	126.8	104.1	22.7	36.4	63.6	52.2	11.4
1980.....	184.9	74.9	110.0	88.9	21.1	40.5	59.5	48.1	11.4
1981.....	183.2	73.2	110.0	86.7	23.4	40.0	60.0	47.3	12.8
1982.....	189.9	75.8	111.4	89.6	21.5	41.5	58.7	47.1	11.3
1983.....	188.7	77.1	111.6	88.6	23.0	40.9	59.1	47.0	12.1
1984 <sup>4</sup> .....	172.8	80.3	92.5	73.2	19.3	46.5	53.6	42.4	11.2

See footnotes on page 179.



## CHAPTER V

# STATISTICS OF FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES

For most fruits, production is estimated at two levels—total and utilized. Total production is the quantity of fruit harvested plus quantities which would have been acceptable for fresh market or processing but were not harvested or utilized because of economic and other reasons. Utilized production is the amount sold plus the quantities used on farms where grown and quantities held in storage. The difference between total and utilized production is the quantity of marketable fruit not harvested and fruit harvested but not sold or utilized because of economic and other reasons. Production relates to the crop produced on all farms, except for apples and strawberries. In accordance with Congressional enactment, the Department's estimates of apple production since 1938 have related only to commercial production. The estimates for strawberries cover production on area grown primarily for sale. Statistics on utilization of fruit by commercial processors refer to first utilization, not necessarily final utilization. For example, frozen fruit includes fruit which may later be used for preserves.

The price shown for each crop is a season average price for all methods of sales. Prices for most fresh fruit are the average prices producers received at the point of first sale, commonly referred to as the "average price as sold." Since the point of first sale is not the same for all producers, prices for the various methods of sale are weighted by the proportionate quantity sold. For example, if in a given State part of the fruit crop is sold f.o.b. packed by growers, part sold as bulk fruit at the packinghouse door, and some sold retail at roadside stands, the fresh fruit average price as sold is a weighted average of the average price for each method of sale.

The annual estimates are checked and adjusted at the end of each marketing season on the basis of shipment and processing records from transportation agencies, processors, cooperative marketing associations, and other industry organizations. The estimates are reviewed (and revised if necessary) at 5-year intervals, when the Census of Agriculture data become available. The Department's available statistics are limited to the major tree fruits and nuts and to grapes, cranberries, and strawberries, and exclude some States where census data indicate production is of only minor importance.

**Table 252.—Fruits and planted nuts: Bearing area, United States, 1970–84**

Year	Citrus fruits <sup>1</sup>	Major deciduous fruits <sup>2</sup>	Minor fruits <sup>3 4</sup>	Planted nuts <sup>5</sup>	Fruits and planted nuts	Year	Citrus fruits <sup>1</sup>	Major deciduous fruits <sup>2</sup>	Minor fruits <sup>3 4</sup>	Planted nuts <sup>5</sup>	Fruits and planted nuts
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres		1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1970 .....	1,222.6	1,567.8	136.4	343.5	3,170.3	1978 .....	1,142.0	1,619.4	222.5	520.7	3,504.6
1971 .....	1,180.8	1,548.9	136.9	365.7	3,232.3	1979 .....	1,130.5	1,591.2	231.7	557.5	3,510.9
1972 .....	1,154.0	1,531.5	134.7	384.0	3,204.2	1980 .....	1,143.0	1,607.5	242.4	563.1	3,556.0
1973 .....	1,174.5	1,538.7	136.3	398.6	3,248.1	1981 .....	1,129.8	1,599.3	249.0	559.3	3,537.4
1974 .....	1,177.8	1,577.8	137.1	421.7	3,314.4	1982 .....	1,116.1	1,658.5	199.4	577.6	3,551.6
1975 .....	1,181.3	1,616.2	135.2	441.9	3,374.6	1983 .....	1,084.3	1,696.7	204.1	598.5	3,583.6
1976 .....	1,178.6	1,665.9	138.0	455.1	3,437.6	1984 <sup>6</sup> .....	1,057.5	1,741.0	199.3	622.2	3,620.0
1977 .....	1,159.3	1,701.6	142.0	482.9	3,485.8						

<sup>1</sup> Oranges, tangerines, lemons, grapefruit, lemons, limes, and tangelos. Area is for the year of harvest.

<sup>2</sup> Commercial apples, apricots, cherries, grapes, nectarines, peaches, pears, plums, and prunes.

<sup>3</sup> Avocados, bananas, dates, figs, kiwifruit (beginning 1980), olives, papayas, pineapples, and pomegranates.

<sup>4</sup> Persimmons discontinued after 1977.

<sup>5</sup> Almonds, filberts, macadamia nuts, and walnuts. Pistachios beginning 1977.

<sup>6</sup> Preliminary.

Statistical Reporting Service.

Table 253.—Fruits: Production in tons, United States, 1970-84<sup>1</sup>

Year	Apples, commercial crop <sup>2</sup>	Peaches	Pears	Grapes (fresh basis)	Cherries	Prunes and plums (fresh basis)	Apricots	Figs (fresh basis)	Olives
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1970.....	3,199	1,498	549	3,103	246	787	175	50	52
1971.....	3,187	1,441	749	3,994	280	582	186	46	55
1972.....	2,939	1,186	612	2,579	252	359	128	36	24
1973.....	3,133	1,295	730	4,198	246	783	158	42	70
1974.....	3,290	1,459	742	4,199	279	659	94	45	59
1975.....	3,765	1,418	748	4,366	301	656	183	38	67
1976.....	3,236	1,509	839	4,398	246	666	155	32	80
1977.....	3,370	1,478	782	4,298	254	727	147	42	43
1978.....	3,799	1,326	723	4,567	247	634	126	32	126
1979.....	4,063	1,469	855	4,989	269	661	144	39	62
1980.....	4,409	1,534	897	5,595	364	821	129	45	109
1981.....	3,870	1,385	897	4,458	221	765	89	38	45
1982.....	4,061	1,143	804	6,555	312	573	118	38	147
1983.....	4,187	928	775	5,506	259	674	94	34	61
1984 <sup>3</sup> .....	4,143	1,322	710	5,164	318	719	127	35	92

  

Year	Or- anges <sup>4</sup>	Tanger- ines <sup>4</sup>	Grape- fruit <sup>4</sup>	Lem- ons <sup>4</sup>	Limes <sup>4</sup>	Tange- los <sup>4</sup>	Tem- ples <sup>4</sup>	Strawber- ries, commercial crop	Pineap- ples
	1,000 tons	1,000 tons	1,000 tons	1,000 ions	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1970.....	8,023	189	2,186	<sup>5</sup> 574	29	113	234	248	954
1971.....	8,205	234	2,473	625	35	122	225	260	942
1972.....	8,237	220	2,627	634	44	162	239	230	947
1973.....	9,737	223	2,676	844	44	140	230	240	810
1974.....	9,386	210	2,692	676	42	167	239	269	700
1975.....	10,241	228	2,504	1,118	44	212	239	275	720
1976.....	10,493	236	2,850	670	43	248	248	290	680
1977.....	10,546	249	3,032	988	40	216	171	331	690
1978.....	9,546	228	3,030	991	18	221	221	330	675
1979.....	9,160	237	2,757	745	29	189	212	319	681
1980.....	11,832	275	2,986	789	44	288	270	351	657
1981.....	10,487	239	2,759	1,189	48	221	162	371	636
1982.....	7,600	212	2,878	942	52	229	144	442	670
1983.....	9,519	229	2,447	963	68	171	211	447	722
1984 <sup>3</sup> .....	7,238	200	2,171	807	60	162	130	495	600

  

Year	Avoca- dos <sup>5</sup>	Nectar- ines	Cran- berries	Ba- nanas	Kiwi- fruit	Dates	Papay- as	Persim- mons	Pome- granates	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1970.....	86	67	102	3	.....	18	12	2	8	22,507
1971.....	45	70	113	3	.....	20	10	1	9	23,912
1972.....	89	87	104	3	.....	16	13	3	7	21,777
1973.....	74	87	105	4	.....	23	16	2	6	25,916
1974.....	127	117	112	3	.....	23	19	3	8	25,619
1975.....	87	111	104	3	.....	25	20	2	9	27,484
1976.....	141	128	120	3	.....	22	25	2	9	27,369
1977.....	118	155	105	3	.....	25	32	2	10	27,854
1978.....	146	148	123	3	.....	22	45	( <sup>6</sup> )	10	27,337
1979.....	102	172	124	3	.....	21	30	( <sup>6</sup> )	13	27,345
1980.....	269	191	135	2	5	22	37	( <sup>6</sup> )	17	32,073
1981.....	183	182	130	3	7	22	47	( <sup>6</sup> )	17	28,471
1982.....	237	178	152	3	16	24	42	( <sup>6</sup> )	16	27,588
1983.....	273	185	149	2	14	17	38	( <sup>6</sup> )	20	27,993
1984 <sup>3</sup> .....	277	183	166	5	18	23	60	( <sup>6</sup> )	17	25,242

<sup>1</sup> For some crops in certain years, production includes some quantities unharvested for economic reasons or excess cullage fruit. <sup>2</sup> Estimates of the commercial crop refer to production in orchards of 100 or more bearing-age trees.

<sup>3</sup> Preliminary. <sup>4</sup> Year harvest was complete. <sup>5</sup> Year of bloom. <sup>6</sup> Estimates discontinued after 1977 crop. Statistical Reporting Service.

**Table 254.—Apples, commercial crop: <sup>1</sup> Production and season average price per pound, by States, 1982-84**

States	Total production			Utilized production			Price <sup>3</sup> for crop of—		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Ark.....	8.0	15.0	8.0	8.0	13.5	7.0	15.1	8.9	13.7
Calif.....	480.0	460.0	485.0	480.0	460.0	485.0	11.2	11.8	13.0
Colo.....	40.0	85.0	65.0	40.0	84.0	65.0	10.3	9.1	11.1
Conn.....	50.0	40.0	47.0	50.0	40.0	47.0	16.1	15.8	16.4
Del.....	14.5	13.5	13.5	14.5	13.5	13.5	9.8	10.0	11.1
Ga.....	15.0	20.0	50.0	14.0	19.0	45.0	10.8	8.6	8.4
Idaho.....	126.0	128.0	135.0	126.0	128.0	134.0	16.1	17.3	18.3
Ill.....	88.0	90.0	90.0	88.0	90.0	90.0	13.3	13.3	15.2
Ind.....	77.0	56.0	64.0	75.0	53.4	64.0	13.8	15.2	13.1
Iowa.....	11.5	12.5	5.0	10.8	11.5	4.8	14.5	16.0	19.3
Kans.....	12.5	13.5	5.0	11.3	11.3	4.8	13.5	11.6	16.5
Ky.....	12.0	14.0	18.0	11.4	13.0	16.5	15.4	13.9	13.3
Maine.....	92.0	85.0	70.0	92.0	85.0	70.0	14.5	15.4	18.1
Md.....	80.0	70.0	80.0	80.0	70.0	80.0	13.7	10.8	11.4
Mass.....	100.0	97.0	97.0	100.0	97.0	97.0	17.3	16.9	18.6
Mich.....	980.0	750.0	770.0	980.0	750.0	770.0	6.9	7.7	8.0
Minn.....	25.0	22.0	15.0	24.0	21.0	15.0	19.0	20.3	23.5
Mo.....	45.0	45.0	40.0	45.0	45.0	40.0	15.0	15.2	16.9
N.H.....	50.0	55.0	50.0	50.0	55.0	50.0	15.5	16.7	18.6
N.J.....	140.0	100.0	110.0	140.0	100.0	110.0	10.3	10.5	12.7
N. Mex.....	12.0	6.0	8.0	12.0	6.0	8.0	12.4	14.4	17.5
N.Y.....	1,130.0	1,100.0	1,020.0	1,130.0	1,100.0	1,020.0	8.9	9.8	11.2
N.C.....	170.0	415.0	360.0	170.0	415.0	360.0	8.1	6.3	6.6
Ohio.....	150.0	100.0	135.0	150.0	100.0	135.0	13.5	15.9	16.1
Oreg.....	150.0	155.0	130.0	150.0	155.0	130.0	10.0	10.0	10.1
Pa.....	525.0	500.0	575.0	525.0	500.0	575.0	9.3	8.5	9.3
R.I.....	6.0	5.0	5.0	6.0	5.0	5.0	16.0	18.6	20.3
S.C.....	7.0	18.0	45.0	7.0	16.0	43.0	11.4	8.1	12.2
Tenn.....	4.5	8.5	11.0	4.2	8.2	9.5	17.7	14.5	15.5
Utah.....	54.0	58.0	45.0	54.0	58.0	45.0	12.9	10.0	10.3
Vt.....	52.0	48.0	41.0	52.0	48.0	41.0	14.7	14.4	14.5
Va.....	500.0	455.0	465.0	500.0	455.0	465.0	9.7	7.7	9.7
Wash.....	2,615.0	3,055.0	2,950.0	2,615.0	3,055.0	2,950.0	9.7	11.4	11.3
W. Va.....	240.0	220.0	225.0	240.0	216.0	225.0	9.4	7.7	10.6
Wis.....	60.0	58.0	53.0	55.0	55.0	51.0	13.8	16.6	22.0
U.S.....	8,122.0	8,373.0	8,285.5	8,110.2	8,352.4	8,271.1	10.0	10.5	11.2

<sup>1</sup> In orchards of 100 or more bearing-age trees.<sup>2</sup> Preliminary.<sup>3</sup> Fresh fruit prices are equivalent packinghouse-door returns for California, Oregon, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.

Table 255.—Apples: Production and value, United States, 1970-84

Year	Apples, commercial crop <sup>1</sup>				Year	Apples, commercial crop <sup>1</sup>			
	Total production	Utilized production	Season average price <sup>2</sup>	Value		Total production	Utilized production	Season average price <sup>2</sup>	Value
	Million pounds	Million pounds	Cents per pound	1,000 dollars		Million pounds	Million pounds	Cents per pound	1,000 dollars
1970 .....	6,397.7	6,258.4	4.54	283,869	1978 .....	7,596.9	7,544.0	10.4	781,350
1971 .....	6,373.2	6,082.7	4.92	299,154	1979 .....	8,126.1	8,101.2	10.9	881,237
1972 .....	5,878.8	5,867.5	6.43	377,475	1980 .....	8,818.4	8,800.4	8.7	761,335
1973 .....	6,265.0	6,251.5	8.80	548,965	1981 .....	7,739.6	7,692.9	11.1	851,132
1974 .....	6,579.7	6,529.8	8.40	551,600	1982 .....	8,122.0	8,110.2	10.0	809,004
1975 .....	7,530.0	7,102.6	6.5	460,894	1983 .....	8,373.0	8,352.4	10.5	879,036
1976 .....	6,472.2	6,466.9	9.1	586,473	1984 <sup>3</sup> .....	8,285.5	8,271.1	11.2	927,527
1977 .....	6,739.6	6,710.0	10.6	708,631					

<sup>1</sup> In orchards of 100 or more bearing-age trees.<sup>2</sup> Fresh fruit prices are equivalent returns at packinghouse-door for California, Oregon, and Washington; for other States, returns at point of first sale. Processing prices are equivalent returns at processing plant door.<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 256.—Apples, fresh (dessert and cooking): Production in specified countries, 1981-84<sup>1</sup>

Continent and country	1981	1982	1983	1984 <sup>2</sup>	Continent and country	1981	1982	1983	1984 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:					Europe—Con.				
Canada <sup>3</sup> .....	422	478	485	455	Spain .....	1,008	891	1,047	1,049
Mexico .....	280	394	302	437	Sweden <sup>3</sup> .....	29	43	42	37
United States <sup>3</sup> .....	3,517	3,684	3,798	3,729	Switzerland <sup>3</sup> .....	83	140	99	125
Total .....	4,219	4,556	4,585	4,621	Yugoslavia .....	508	746	557	607
South America:					Total .....	1,868	2,204	2,059	2,144
Argentina .....	804	817	934	950	Total Europe .....	6,880	10,835	8,219	9,257
Chile .....	335	370	410	480	Africa:				
Total .....	1,139	1,187	1,344	1,430	South Africa .....	486	423	502	494
Europe:					Total .....	486	423	502	494
Belgium and Luxembourg .....	134	270	203	230	Asia:				
Denmark <sup>3</sup> .....	43	59	47	67	Japan .....	846	925	1,048	986
France .....	1,502	1,978	1,573	1,930	Total .....	846	925	1,048	986
Germany, Fed. Rep. of... ..	773	2,637	1,313	1,799	Oceania:				
Greece .....	300	265	311	320	Australia .....	294	301	281	320
Italy .....	1,773	2,642	2,056	2,075	New Zealand .....	235	192	233	246
Netherlands .....	260	440	364	380	Total .....	529	493	514	566
United Kingdom .....	227	340	293	312	Total specified countries .....	14,099	18,419	16,212	17,354
Total EC .....	5,012	8,631	6,160	7,113					
Austria .....	186	340	263	276					
Norway .....	54	44	51	50					

<sup>1</sup> May include some cider varieties in countries not reporting separately.<sup>2</sup> Preliminary.<sup>3</sup> Commercial crop.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.



**Table 257.—Apples, commercial crop: Production and utilization, United States, 1970-84**

Crop of—	Total production	Utilized production	Utilization of quantities sold				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Frozen	Other <sup>2</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1970 .....	6,397.7	6,258.4	3,531.5	1,158.5	189.8	203.0	<sup>3</sup> 1,175.6
1971 .....	6,373.2	6,082.7	3,483.9	1,093.5	96.2	190.5	<sup>3</sup> 1,218.6
1972 .....	5,878.8	5,867.5	3,342.0	976.9	148.6	235.3	<sup>3</sup> 1,164.7
1973 .....	6,265.0	6,251.5	3,539.4	1,255.4	247.7	259.2	<sup>3</sup> 949.8
1974 .....	6,579.7	6,529.8	3,690.5	1,225.6	197.2	181.7	<sup>3</sup> 1,234.8
1975 .....	7,530.0	7,102.6	4,357.0	1,026.7	229.5	206.6	<sup>3</sup> 1,282.8
1976 .....	6,472.2	6,466.9	3,915.8	919.9	229.3	220.4	<sup>3</sup> 1,181.5
1977 .....	6,739.6	6,710.0	3,859.6	1,075.9	225.5	160.9	<sup>3</sup> 1,388.1
1978 .....	7,596.9	7,544.0	4,210.4	1,224.2	221.0	207.4	<sup>3</sup> 1,681.0
1979 .....	8,126.1	8,101.2	4,288.6	1,336.7	255.7	136.6	<sup>3</sup> 2,083.6
1980 .....	8,818.4	8,800.4	4,934.1	1,202.4	194.7	167.5	<sup>3</sup> 2,301.7
1981 .....	7,739.6	7,692.9	4,442.2	1,002.4	190.0	172.7	<sup>3</sup> 1,885.6
1982 .....	8,122.0	8,110.2	4,536.7	1,248.6	209.9	190.8	<sup>3</sup> 1,924.2
1983 .....	8,373.0	8,352.4	4,619.8	1,200.8	283.3	169.6	<sup>3</sup> 2,078.9
1984 <sup>4</sup> .....	8,285.5	8,271.1	4,677.4	1,179.8	303.6	198.1	1,912.2

<sup>1</sup> Includes "Home use."<sup>2</sup> Mostly crushed for vinegar, cider, and juice. For some States, small quantities canned, dried, and frozen are included.<sup>3</sup> Includes the following quantities of juice and cider (million pounds): 1970—1,031.7; 1971—1,087.0; 1972—1,028.6; 1973—822.2; 1974—1,030.7; 1975—1,191.6; 1976—1,109.1; 1977—1,267.2; 1978—1,494.6; 1979—1,953.8; 1980—2,136.9; 1981—1,798.4; 1982—1,807.8; 1983—1,983.5; and 1984—1,816.4.<sup>4</sup> Preliminary.

Statistical Reporting Service.

**Table 258.—Apples, commercial crop: Production and utilization, by States, crop of 1984 (preliminary)**

State	Total production	Utilized production	Utilization				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Frozen	Other <sup>2</sup>
Calif.....	485.0	485.0	185.0	85.0	20.0	195.0	.....
Mich.....	770.0	770.0	290.0	138.0	.....	85.0	253.0
N.Y.....	1,020.0	1,020.0	401.0	213.0	26.0	56.0	310.0
Oreg.....	130.0	130.0	92.0	.....	.....	.....	17.4
Pa.....	575.0	575.0	207.0	228.2	.....	3.9	132.2
Va.....	465.0	465.0	173.0	163.0	.....	.....	94.0
Wash.....	2,950.0	2,950.0	2,185.0	98.0	.....	.....	389.0
W. Va.....	225.0	225.0	84.9	89.4	.....	13.0	36.7
Other States <sup>4</sup> .....	1,665.5	1,651.1	1,059.5	165.2	257.6	40.2	389.1
U.S.....	8,285.5	8,271.1	4,677.4	1,179.8	303.6	198.1	1,816.4

<sup>1</sup> Includes "Home use."<sup>2</sup> Mostly vinegar, wine, and jam.<sup>3</sup> Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. totals.<sup>4</sup> Arkansas, Colorado, Connecticut, Delaware, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Minnesota, Missouri, New Hampshire, New Jersey, New Mexico, North Carolina, Ohio, Rhode Island, South Carolina, Tennessee, Utah, Vermont, and Wisconsin.

Statistical Reporting Service.

Table 259.—Apples, fresh: United States exports by country of destination and imports by country of origin, 1981/82-1983/84

Country	Year beginning July			Country	Year beginning July		
	1981/82	1982/83	1983/84		1981/82	1982/83	1983/84
EXPORTS	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	EXPORTS—cont.	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Netherlands Antilles .....	1,355	1,352	1,133
Finland .....	4,956	3,535	3,285	Trinidad and Tobago .....	2,249	3,301	1,975
France .....	777	45	0	Other countries .....	9	51	75
Iceland .....	1,730	1,339	1,219	Total .....	6,425	7,044	5,513
Ireland .....	1,112	1,527	2,248				
Netherlands .....	2,406	949	2,165	Other countries:			
Norway .....	6,355	5,635	4,110	Canada .....	65,979	42,670	38,855
Sweden .....	6,376	2,178	2,806	Taiwan .....	37,232	62,748	37,838
United Kingdom .....	12,008	9,387	10,298	Egypt .....	738	470	0
Other countries .....	286		110	French Pacific Islands .....	290	335	418
Total .....	36,006	24,595	26,241	Hong Kong .....	19,328	27,185	23,500
				Indonesia .....	5,054	4,334	0
Latin America:				Liberia .....	92	31	125
Brazil .....	3,018	217	17	Malaysia .....	5,381	9,003	10,678
Colombia .....	7,552	8,048	7,168	New Zealand .....	1,957	3,263	4,376
Costa Rica .....	132	138	587	Other Pacific Islands .....	51	110	18
Ecuador .....	1,045	753	0	Philippines .....	297	236	0
El Salvador .....	367	96	103	Saudi Arabia .....	21,967	22,546	27,764
Guatemala .....	1,179	82	83	Singapore .....	7,974	10,272	10,328
Honduras .....	995	62	416	Thailand .....	1,594	2,159	3,571
Mexico .....	4,827	1,852	1,369	United Arab Emirates .....	12,909	12,728	15,581
Nicaragua .....	138	15	0	Other countries .....	6,666	3,107	2,713
Panama .....	2,609	2,187	2,201	Kuwait .....	1,252	3,096	2,393
Surinam .....	5		0	Total .....	188,761	204,293	178,158
Venezuela .....	19,823	19,840	455				
Other countries .....	845	4,074	49	Grand total .....	273,727	273,296	222,360
Total .....	42,535	37,364	12,448				
				IMPORTS			
Bermuda and Caribbean:				Australia .....	539	209	563
Bahamas .....	423	77	188	Canada .....	34,128	31,631	44,235
Barbados .....	325	515	498	Chile .....	10,112	14,652	26,082
Bermuda .....	143	213	187	France .....	2,083	7,398	6,281
Dominican Republic .....	1,090	1,013	764	New Zealand .....	11,962	15,775	15,003
French West Indies .....	252	50	16	South Africa .....	7,416	16,973	11,785
Haiti .....	161	123	156	Other countries .....	588	1,510	457
Leeward and Windward Islands .....	218	349	521	Total .....	66,828	88,148	104,406

<sup>1</sup> Includes 839 tons to Japan. <sup>2</sup> Includes 1,197 tons to Yemen, Sana.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 260.—Apples:<sup>1</sup> Foreign trade, United States, 1970-83

Year beginning July	Imports, fresh and dried, in terms of fresh	Domestic exports		Year beginning July	Imports, fresh and dried, in terms of fresh	Domestic exports	
		Fresh	Dried, in terms of fresh <sup>1</sup>			Fresh	Dried, in terms of fresh <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1970 .....	45,820	45,691	4,173	1977 <sup>2</sup> .....	63,647	142,360	8,210
1971 .....	38,783	53,411	2,209	1978 <sup>2</sup> .....	78,452	154,780	7,272
1972 .....	51,145	67,728	7,538	1979 <sup>2</sup> .....	71,182	237,409	5,520
1973 .....	42,265	80,855	6,202	1980 <sup>2</sup> .....	76,831	311,288	7,592
1974 .....	37,843	106,090	3,748	1981 <sup>2</sup> .....	128,295	269,228	8,348
1975 .....	57,796	102,255	3,734	1982 <sup>2</sup> .....	98,732	261,802	16,062
1976 <sup>2</sup> .....	55,720	123,670	4,544	1983 <sup>2</sup> .....	126,030	228,677	12,002

<sup>1</sup> Dried converted to terms of fresh apples on following basis; 1 pound dried is equivalent to 8 pounds fresh. No reports reported. <sup>2</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 261.—Apricots: Production and value, United States, 1970-84 <sup>1</sup>**

Year	Total production	Utilized production	Season average price per ton <sup>2</sup>	Value	Year	Total production	Utilized production	Season average price per ton <sup>2</sup>	Value
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	175,000	174,700	111.00	19,342	1978.....	126,200	126,200	249.00	31,364
1971.....	186,450	148,850	94.80	14,112	1979.....	144,200	144,200	269.00	38,718
1972.....	127,600	127,470	144.00	18,331	1980.....	129,000	129,000	291.00	37,505
1973.....	157,900	157,690	168.00	26,442	1981.....	89,400	89,380	311.00	27,765
1974.....	93,550	93,550	270.00	25,281	1982.....	118,200	118,060	304.00	35,933
1975.....	182,600	175,600	214.00	37,609	1983.....	93,800	93,800	310.00	29,104
1976.....	154,500	128,350	200.00	25,689	1984 <sup>3</sup> .....	127,200	117,080	303.00	35,498
1977.....	147,300	141,300	210.00	29,671					

<sup>1</sup> Production, price, and value for California, Utah, and Washington. <sup>2</sup> Fresh fruit prices are equivalent packing house-door returns for California, and Washington. Quantities processed are priced at the equivalent processing plant door level. <sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 262.—Apricots: Production and season average price per ton, by States, 1982-84**

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Calif.....	115,000	89,500	123,000	115,000	89,500	113,000	299.00	302.00	297.00
Utah.....	200	1,400	800	160	1,400	680	420.00	260.00	350.00
Wash.....	3,000	2,900	3,400	2,900	2,900	3,400	527.00	604.00	490.00
Total.....	118,200	93,800	127,200	118,060	93,800	117,080	304.00	310.00	303.00

<sup>1</sup> Preliminary. <sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for California, and Washington. Quantities processed are priced at the equivalent processing door level.

Statistical Reporting Service.

**Table 263.—Apricots, fresh: Production in specified countries, 1982-84**

Continent and country	1982	1983	1984 <sup>1</sup>	Continent and country	1982	1983	1984 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Con.			
United States.....	107.2	85.1	115.4	Yugoslavia.....	28.1	32.2	30.0
Total.....	107.2	85.1	115.4	Total.....	545.0	626.5	587.7
South America:				Africa:			
Argentina.....	19.1	25.8	28.6	South Africa.....	26.1	23.5	33.2
Chile.....	12.0	13.5	14.0	Total.....	26.1	23.5	33.2
Total.....	31.1	39.3	42.6	Oceania:			
Europe:				Australia.....	27.1	26.9	25.0
France.....	71.5	102.2	82.6	New Zealand.....	7.2	5.4	9.0
Germany, Fed. Rep. of.....	2.6	1.5	2.1	Total.....	34.3	32.3	34.0
Greece.....	90.4	142.0	95.0	Total specified countries...	743.7	806.7	812.9
Italy.....	172.4	186.6	162.0				
Spain.....	180.0	162.0	216.0				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 264.—Apricots: Production and utilization, United States,<sup>1</sup> 1970-84

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh <sup>2</sup>	Processed (fresh basis)		
				Canned <sup>3</sup>	Dried	Frozen
	Tons	Tons	Tons	Tons	Tons	Tons
1970 .....	175,000	174,700	14,540	116,060	36,400	7,700
1971 .....	186,450	148,850	16,920	99,530	26,000	6,400
1972 .....	127,600	127,470	10,050	93,020	18,000	6,400
1973 .....	157,900	157,690	11,870	116,720	19,500	9,600
1974 .....	93,550	93,550	8,450	62,500	17,000	5,600
1975 .....	182,600	175,600	10,100	122,800	28,500	14,200
1976 .....	154,500	128,350	12,660	76,290	29,300	10,100
1977 .....	147,300	141,300	11,960	79,340	39,500	10,500
1978 .....	126,200	126,200	9,200	78,500	30,000	8,500
1979 .....	144,200	144,200	10,890	84,310	39,000	10,000
1980 .....	129,000	129,000	13,130	80,870	27,100	7,900
1981 .....	89,400	89,380	12,230	43,650	25,000	8,500
1982 .....	118,200	118,060	10,810	62,250	33,000	12,000
1983 .....	93,800	93,800	10,550	44,050	28,200	11,000
1984 <sup>4</sup> .....	127,200	117,080	15,780	67,300	22,500	11,500

<sup>1</sup> California, Utah, and Washington.<sup>2</sup> Includes "Home use."<sup>3</sup> Includes some quantities frozen or otherwise processed.<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 265.—Apricots: Production and utilization, by States, crop of 1984 (preliminary)

State—	Total production	Utilized production	Utilization			
			Fresh	Processed (fresh basis)		
				Canned <sup>1</sup>	Dried	Frozen
	Tons	Tons	Tons	Tons	Tons	Tons
Calif.....	123,000	113,000	12,200	66,800	22,500	11,500
Utah.....	800	680	( <sup>2</sup> )	( <sup>2</sup> )		
Wash.....	3,400	3,400	( <sup>2</sup> )	( <sup>2</sup> )		
U.S.....	127,200	117,080	15,780	67,300	22,500	11,500

<sup>1</sup> Some quantities used for juice are included in "Canned" to avoid disclosure of individual operations.<sup>2</sup> Missing data not published to avoid disclosure of individual operations, but included in U.S. total.

Statistical Reporting Service.



Table 266.—Apricots: Foreign trade, United States, 1970-83

Year beginning July	Domestic exports				
	Fresh	Canned <sup>1</sup>	Dried <sup>1</sup>	Dried, in fruit salad <sup>2</sup>	Total, in terms of fresh <sup>3</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1970.....	1,940	1,246	476	190	6,256
1971.....	3,176	1,933	552	203	8,447
1972.....	1,513	2,504	834	195	8,596
1973.....	2,036	2,351	834	220	9,140
1974.....	1,316	658	533	216	5,635
1975.....	2,653	958	798	227	8,608
1976 <sup>4</sup> .....	1,807	1,091	1,056	200	9,043
1977 <sup>4</sup> .....	( <sup>5</sup> )	1,242	( <sup>5</sup> )	230	2,070
1978 <sup>4</sup> .....	( <sup>5</sup> )	2,249	( <sup>5</sup> )	173	2,503
1979 <sup>4</sup> .....	( <sup>5</sup> )	927	( <sup>5</sup> )	296	2,185
1980 <sup>4</sup> .....	( <sup>5</sup> )	1,499	( <sup>5</sup> )	331	2,777
1981 <sup>4</sup> .....	( <sup>5</sup> )	956	( <sup>5</sup> )	243	1,935
1982 <sup>4</sup> .....	( <sup>5</sup> )	1,012	( <sup>5</sup> )	211	1,811
1983 <sup>4</sup> .....	( <sup>5</sup> )	410	( <sup>5</sup> )	205	1,348

<sup>1</sup> Net processed weight.<sup>2</sup> Dried apricots are 12½ percent of total dried fruit for salad.<sup>3</sup> Dried fruit converted to unprocessed dry weight by dividing by 1.07. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 5.5 pounds fresh. Canned apricots converted to terms of fresh on the basis that 1 pound canned equals 0.717 pounds fresh.<sup>4</sup> Year beginning October.<sup>5</sup> Not available.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 267.—Avocados: Production, season average price per ton, and value, United States, 1970-71 to 1984-85

Season	California			Florida			California and Florida <sup>3</sup>		
	Production <sup>1</sup>	Price <sup>2</sup>	Value	Production <sup>1</sup>	Price <sup>2</sup>	Value	Production <sup>1</sup>	Price <sup>2</sup>	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970-71.....	67,000	376	25,192	18,800	290	5,452	85,800	357	30,644
1971-72.....	26,100	952	24,847	19,300	338	6,523	45,400	691	31,370
1972-73.....	70,500	546	38,493	18,800	321	6,035	89,300	499	44,528
1973-74.....	53,400	793	42,346	20,300	355	7,207	73,700	672	49,553
1974-75.....	105,500	475	50,113	21,900	327	7,161	127,400	450	57,274
1975-76.....	58,400	1,037	60,561	29,000	400	11,600	87,400	826	72,161
1976-77.....	120,000	593	71,160	21,100	410	8,651	141,100	566	79,811
1977-78.....	107,000	740	79,180	10,700	690	7,383	117,700	735	86,563
1978-79.....	123,000	691	84,993	23,100	400	9,240	146,100	645	94,233
1979-80.....	75,000	1,496	112,200	27,300	597	16,298	102,300	1,256	128,498
1980-81.....	238,000	357	84,966	30,800	529	16,293	268,800	377	101,259
1981-82.....	157,000	689	108,173	25,800	501	12,926	182,800	662	121,099
1982-83.....	202,000	460	92,920	34,700	480	16,656	236,700	463	109,576
1983-84.....	246,000	370	91,020	27,000	460	12,420	273,000	379	103,440
1984-85 <sup>4</sup> .....	247,000	323	79,781	29,700	389	11,553	276,700	330	91,334

<sup>1</sup> Production is the quantity sold or utilized.<sup>2</sup> Quantities processed are priced at the equivalent processing plant door level.<sup>3</sup> Season from Nov. 1 to Nov. 30 (following year) for California and June 20 to Feb. 28 for Florida.<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 268.—Avocados: Foreign trade, United States, 1970-83

Year beginning July	Imports	Year beginning July	Imports	Year beginning July	Imports
	<i>Metric tons</i>		<i>Metric tons</i>		<i>Metric tons</i>
1970.....	519	1975.....	1,334	1980 <sup>1</sup> .....	1,351
1971.....	1,027	1976 <sup>1</sup> .....	1,994	1981 <sup>1</sup> .....	760
1972.....	885	1977 <sup>1</sup> .....	3,162	1982 <sup>1</sup> .....	936
1973.....	1,021	1978 <sup>1</sup> .....	1,725	1983 <sup>1</sup> .....	1,872
1974.....	1,506	1979 <sup>1</sup> .....	1,409		

<sup>1</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 269.—Bananas: Area, yield, production, price and value, Hawaii, 1970-84

Year	Area harvested	Yield per acre	Production	Price per pound	Value	Year	Area harvested	Yield per acre	Production	Price per pound	Value
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1970.....	760	7.4	5,600	10.6	594	1978.....	580	9.8	5,700	18.5	1,055
1971.....	725	8.1	5,865	11.6	680	1979.....	630	8.8	5,550	20.5	1,138
1972.....	720	8.3	6,000	12.0	720	1980.....	580	7.9	4,600	23.9	1,099
1973.....	660	11.1	7,295	10.6	773	1981.....	650	9.2	6,000	25.7	1,542
1974.....	610	10.8	6,600	13.1	865	1982.....	720	8.0	5,750	28.6	1,645
1975.....	630	9.8	6,200	13.8	856	1983.....	860	5.2	4,470	31.2	1,395
1976.....	560	9.0	5,030	15.5	780	1984 <sup>1</sup> .....	870	10.2	8,900	30.0	2,670
1977.....	550	10.5	5,800	15.6	905						

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 270.—Cherries: Production and value, United States, 1970-84

Year	All varieties			Sweet varieties				Tart varieties			
	Total production	Utilized production	Value	Total production	Utilized production	Season average price per ton <sup>1</sup>	Value	Total production	Utilized production	Season average price per pound <sup>1</sup>	Value
	Tons	Tons	1,000 dollars	Tons	Tons	Dollars	1,000 dollars	Million pounds	Million pounds	Cents	1,000 dollars
1970 .....	246,660	239,430	60,985	122,260	121,530	355.00	43,173	248.8	235.8	7.6	17,812
1971 .....	279,940	277,990	70,963	141,290	139,990	315.00	44,047	277.3	276.0	9.8	26,916
1972 .....	251,950	230,140	58,737	96,050	95,840	382.00	36,649	311.8	268.6	8.2	22,088
1973 .....	245,930	241,330	88,276	158,630	154,630	358.00	55,331	174.6	173.4	19.0	32,945
1974 .....	279,430	279,280	113,025	146,980	146,980	436.00	64,057	264.9	264.6	18.5	48,968
1975 .....	300,960	278,760	88,486	155,710	155,710	407.00	63,398	290.5	246.1	10.2	25,088
1976 .....	245,610	240,380	101,038	172,310	167,080	384.00	64,232	146.6	146.6	25.1	36,806
1977 .....	254,370	253,870	135,363	148,920	148,420	495.00	73,414	210.9	210.9	29.4	61,949
1978 .....	247,380	247,380	187,162	156,780	156,780	688.00	107,828	181.2	181.2	43.8	79,334
1979 .....	269,380	269,230	191,687	184,180	184,030	604.00	111,182	170.4	170.4	47.2	80,505
1980 .....	282,750	276,400	136,955	173,700	168,300	554.00	93,230	218.1	216.2	20.2	43,725
1981 .....	221,140	213,920	160,054	154,540	147,520	685.00	100,994	133.2	132.8	44.5	59,060
1982 .....	312,050	257,060	128,765	156,600	134,610	699.00	94,120	310.9	244.9	14.1	34,645
1983 .....	258,500	245,565	177,794	181,200	168,765	630.00	106,288	154.6	153.6	46.6	71,506
1984 <sup>2</sup> .....	317,600	292,200	164,100	181,800	164,250	610.00	100,096	271.6	255.9	25.0	64,004

<sup>1</sup> Fresh fruit prices are equivalent packinghouse-door returns for Western States, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 271.—Cherries: Production and season average price, by States, 1982-84

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
<b>SWEET VARIETIES</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Calif.....	12,300	16,800	37,200	12,300	16,800	37,200	1,361.00	876.00	687.00
Idaho.....	2,700	2,200	2,800	2,060	1,650	2,400	636.00	582.00	460.00
Mich.....	31,000	18,000	33,000	25,500	18,000	31,000	398.00	460.00	423.00
Mont.....	3,400	1,800	2,300	3,100	1,365	1,400	624.00	457.00	666.00
N.Y.....	3,500	3,200	2,400	3,200	3,000	2,200	608.00	569.00	567.00
Oreg.....	35,000	45,000	31,000	35,000	42,000	29,500	617.00	486.00	491.00
Pa.....	600	800	900	580	750	900	1,372.00	1,460.00	1,220.00
Utah.....	2,100	4,400	4,200	2,070	4,300	3,850	851.00	653.00	489.00
Wash.....	66,000	89,000	68,000	50,800	80,900	55,800	746.00	689.00	729.00
Total 9 States....	156,600	181,200	181,800	134,610	168,765	164,250	699.00	630.00	609.00
<b>TART VARIETIES</b>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents per pound</i>	<i>Cents per pound</i>	<i>Cents per pound</i>
Colo.....	4	1.6	1.0	4	1.6	1.0	18.8	41.9	25.0
Mich.....	260.0	87.0	210.0	195.0	87.0	195.0	13.7	49.1	25.4
N.Y.....	21.0	23.0	26.0	21.0	23.0	25.3	14.8	46.0	22.2
Oreg.....	5.0	6.0	1.6	5.0	6.0	1.6	16.2	33.7	25.4
Pa.....	5.5	8.5	9.0	5.5	8.5	9.0	20.7	47.3	26.3
Utah.....	9.0	24.0	12.0	9.0	23.0	12.0	17.1	40.2	24.0
Wis.....	10.0	4.5	12.0	9.0	4.5	12.0	13.0	49.6	24.4
Total 7 States....	310.9	154.6	271.6	244.9	153.6	255.9	14.1	46.6	25.0

<sup>1</sup> Preliminary. <sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for California, Oregon, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.

Table 272.—Cherries, fresh: Production in specified countries, 1982-84

Continent and country	1982	1983	1984 <sup>1</sup>	Continent and country	1982	1983	1984 <sup>1</sup>
North America:				Europe—Con.			
Canada.....	10.8	15.0	16.0	Italy.....	169.0	159.1	140.0
United States.....	283.1	234.5	287.9	Spain.....	72.0	74.0	76.0
				Yugoslavia.....	155.0	188.3	160.0
Total.....	293.9	249.5	303.9	Total.....	841.9	816.3	817.9
South America:				Asia:			
Argentina.....	1.5	1.7	1.7	Japan.....	15.4	24.1	14.9
Chile.....	6.0	7.0	7.5	Total.....	15.4	24.1	14.9
Total.....	7.5	8.7	9.2	Oceania:			
Europe:				Australia.....	5.4	4.2	3.4
France.....	123.2	97.9	117.5	Total.....	5.4	4.2	3.4
Germany, Fed. Rep. of.....	298.4	272.6	295.4				
Greece.....	24.3	24.4	29.0	Total specified countries...	1,164.1	1,102.8	1,149.3

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 273.—Cherries: Foreign trade, United States, 1970-83

Year beginning July	Imports		Domestic exports		Year beginning July	Imports		Domestic exports	
	Natural sulfured, or in brine	Dried or preserved	Fresh	Canned		Natural sulfured, or in brine	Dried or preserved	Fresh	Canned
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1970.....	1,557	3,481	2,855	1,045	1977 <sup>1</sup> .....	103	213	7,200	1,697
1971.....	698	3,171	4,077	734	1978 <sup>1</sup> .....	1,164	568	10,686	2,395
1972.....	998	2,592	7,253	4,290	1979 <sup>1</sup> .....	646	117	9,095	2,677
1973.....	417	1,357	5,817	1,117	1980 <sup>1</sup> .....	297	157	9,597	2,810
1974.....	119	1,516	6,995	1,182	1981 <sup>1</sup> .....	445	233	9,257	1,881
1975.....	129	756	6,683	931	1982 <sup>1</sup> .....	942	381	7,831	1,726
1976 <sup>1</sup> .....	76	582	5,426	1,417	1983 <sup>1</sup> .....	1,675	525	7,937	1,767

<sup>1</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 275

<sup>1</sup> Includes "Home use."

<sup>2</sup> Sweet varieties include some quantities used for juice, wine, brandy, freezing, etc.; tart varieties include some quantities used for juice, jam, jelly, brining, etc.

<sup>3</sup> Colorado, Idaho, Montana, New York, Pennsylvania, and Utah.<sup>4</sup> Colorado, Ohio, Oregon, Pennsylvania, Utah, and Wisconsin.

Statistical Reporting Service.



Table 274.—Cherries: Production and utilization, United States,<sup>1</sup> 1970–84

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh <sup>2</sup>	Processed (fresh basis)		
				Canned <sup>3</sup>	Frozen	Brined <sup>4</sup>
SWEET VARIETIES	Tons	Tons	Tons	Tons	Tons	Tons
1970 .....	122,260	121,530	48,292	11,833		61,405
1971 .....	141,290	139,990	68,627	<sup>5</sup> 12,998		58,365
1972 .....	96,050	95,840	41,668	11,017		43,155
1973 .....	158,630	154,630	82,839	16,948		54,843
1974 .....	146,980	146,980	67,516	25,864		53,600
1975 .....	155,710	155,710	77,300	14,520		63,890
1976 .....	172,310	167,080	94,510	21,180		51,390
1977 .....	148,920	148,420	72,320	21,990		54,110
1978 .....	156,780	156,780	66,670	28,060		62,050
1979 .....	184,180	180,030	86,030	23,300		74,700
1980 .....	173,700	168,300	86,460	23,340		59,500
1981 .....	154,540	147,520	71,738	20,765		55,017
1982 .....	156,600	134,610	67,610	21,350		45,650
1983 .....	181,200	168,765	93,090	28,402		45,273
1984 <sup>6</sup> .....	181,800	164,250	90,490	23,310		50,450
TART VARIETIES	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1970 .....	248.8	235.8	10.0	86.7	139.1	
1971 .....	277.3	276.0	8.8	82.5	184.7	
1972 .....	311.8	268.6	6.3	96.1	166.2	
1973 .....	174.6	173.4	5.4	51.9	116.1	
1974 .....	264.9	264.6	4.4	97.6	162.6	
1975 .....	290.5	246.1	7.2	89.7	149.2	
1976 .....	146.6	146.6	6.0	42.4	98.2	
1977 .....	210.9	210.9	6.1	65.5	139.3	
1978 .....	181.2	181.2	5.0	49.9	126.3	
1979 .....	170.4	170.4	4.3	49.8	116.3	
1980 .....	218.1	216.2	6.3	74.5	135.4	
1981 .....	133.2	132.8	4.0	41.3	87.5	
1982 .....	310.9	244.9	7.4	76.7	160.8	
1983 .....	154.6	153.6	5.3	43.1	105.2	
1984 <sup>6</sup> .....	271.1	255.4	7.9	80.9	166.6	

<sup>1</sup> California, Colorado, Idaho, Michigan, Montana, New York, Ohio, Oregon, Pennsylvania, Utah, Washington, and Wisconsin. <sup>2</sup> Includes "Home use." <sup>3</sup> For tart varieties, includes small quantities brined or used for juice, wine, etc., through 1970; beginning 1971, brined only. <sup>4</sup> Sweet varieties, beginning 1971, includes small quantities used for juice, wine, brandy, etc. <sup>5</sup> Preliminary.

Statistical Reporting Service.

Table 275.—Cherries: Production and utilization, by States, crop of 1984 (preliminary)

Variety and State	Total production	Utilized production	Utilization			
			Fresh <sup>1</sup>	Processed (fresh basis)		
				Canned and otherwise processed <sup>2</sup>	Frozen	Brined
SWEET VARIETIES	Tons	Tons	Tons	Tons	Tons	Tons
Calif. ....	37,200	37,200	27,600			
Mich. ....	33,000	31,000	3,000	5,300	5,100	17,600
Oreg. ....	31,000	29,500	10,000	2,300	2,400	14,800
Wash. ....	68,000	55,800	42,500	1,800	5,900	5,600
Other States <sup>3</sup> .....	12,600	10,750	7,390		510	12,450
U.S. ....	181,800	164,250	90,490	9,400	13,910	50,450
TART VARIETIES	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Mich. ....	210.0	195.0	5.0	54.0	130.0	6.0
N.Y. ....	26.0	25.3	.3	11.0	13.9	.1
Other States <sup>4</sup> .....	35.1	35.1	2.6	8.1	22.7	1.7
U.S. ....	301.1	255.4	7.9	73.1	166.6	7.8

See footnotes on page 195.

Table 276.—Citrus fruits: Production and value, United States, for season of 1970-71 to 1983-84

Season <sup>1</sup>	Production	Season average returns per box <sup>2</sup>	Value	Quantities processed <sup>3</sup>	Production	Season average returns per box <sup>2</sup>	Value	Quantities processed <sup>3</sup>
Oranges <sup>4</sup>					Grapefruit			
	<i>1,000 boxes</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 boxes</i>
1970-71 .....	189,430	2.45	463,506	145,529	60,560	2.40	145,287	36,142
1971-72 .....	191,450	2.87	549,369	148,015	64,250	2.89	185,890	37,279
1972-73 .....	224,660	2.69	603,305	182,263	65,640	2.70	177,055	38,219
1973-74 .....	216,210	2.78	600,691	171,323	65,500	2.41	157,673	37,808
1974-75 .....	237,810	2.75	653,759	183,457	61,610	2.51	154,439	33,223
1975-76 .....	242,780	2.80	678,717	192,540	70,080	2.21	154,802	37,536
1976-77 .....	242,950	3.34	811,196	195,782	74,600	2.35	175,467	46,042
1977-78 .....	220,120	5.45	1,198,657	175,549	74,660	2.54	189,692	44,382
1978-79 .....	210,600	6.15	1,295,735	170,359	67,380	3.43	231,271	38,850
1979-80 .....	273,630	4.85	1,328,054	218,880	73,200	4.13	302,190	44,719
1980-81 .....	244,580	5.30	1,295,281	194,144	67,860	4.74	321,517	39,953
1981-82 .....	176,690	6.61	1,167,795	130,230	70,550	3.25	229,038	41,786
1982-83 .....	225,180	5.85	1,317,139	165,725	60,600	3.06	185,188	28,447
1983-84 <sup>5</sup> .....	169,510	7.69	1,304,269	121,420	53,610	4.10	219,652	27,924
Lemons					Limes			
1970-71 .....	16,450	4.98	81,960	6,770	880	4.70	4,136	485
1971-72 .....	16,680	4.81	80,266	7,070	1,100	5.49	6,039	626
1972-73 .....	22,200	4.38	97,126	11,232	1,100	6.10	6,710	583
1973-74 .....	17,800	6.17	109,851	6,666	1,050	7.20	7,560	571
1974-75 .....	29,400	3.85	113,226	17,880	1,100	7.62	8,382	607
1975-76 .....	17,620	5.79	101,949	6,685	1,080	9.27	10,012	494
1976-77 .....	26,000	3.56	92,500	12,910	1,000	11.61	11,610	486
1977-78 .....	26,100	4.24	110,635	13,900	460	19.11	8,791	120
1978-79 .....	19,600	6.87	134,561	7,630	720	16.16	11,637	239
1979-80 .....	20,750	8.11	168,354	10,045	1,100	12.55	13,800	478
1980-81 .....	31,300	4.83	151,174	19,910	1,200	11.10	13,325	503
1981-82 .....	24,800	4.26	105,688	14,250	1,300	12.44	16,170	675
1982-83 .....	25,350	4.39	111,286	13,720	1,700	13.09	22,255	725
1983-84 <sup>5</sup> .....	21,250	5.91	125,483	9,690	1,500	11.67	17,504	675
Tangerines					Tangelos			
1970-71 .....	5,230	3.52	18,386	1,612	2,700	2.09	5,643	1,093
1971-72 .....	5,030	4.53	22,767	1,659	3,600	2.75	9,900	1,882
1972-73 .....	5,130	4.04	20,729	1,894	3,100	2.52	7,812	1,667
1973-74 .....	4,840	4.76	23,032	1,280	3,700	2.50	9,250	2,104
1974-75 .....	5,250	4.50	23,618	1,629	4,700	2.63	12,361	2,337
1975-76 .....	5,360	4.85	25,976	1,728	5,500	2.52	13,860	3,255
1976-77 .....	5,770	5.56	32,104	1,753	4,800	2.77	13,296	2,505
1977-78 .....	5,200	6.84	35,560	2,069	4,900	4.72	23,128	2,913
1978-79 .....	5,400	8.07	43,572	2,309	4,200	5.55	23,327	2,479
1979-80 .....	6,300	5.81	36,595	2,736	6,400	4.54	29,051	4,593
1980-81 .....	5,560	6.45	35,850	2,495	4,900	5.70	27,943	2,844
1981-82 .....	4,980	8.18	40,728	1,819	5,100	5.46	27,865	3,320
1982-83 .....	5,500	7.82	43,034	2,120	3,800	6.34	24,102	1,922
1983-84 <sup>5</sup> .....	5,000	7.78	38,917	1,776	3,600	6.33	22,796	2,004
Templets								
1970-71 .....	5,000	2.78	13,900	2,768				
1971-72 .....	5,300	2.89	15,317	3,517				
1972-73 .....	5,100	3.06	15,606	2,655				
1973-74 .....	5,300	2.80	14,840	3,375				
1974-75 .....	5,300	2.75	14,575	3,392				
1975-76 .....	5,500	2.89	15,895	3,171				
1976-77 .....	3,800	3.39	12,882	2,616				
1977-78 .....	4,900	5.35	26,215	2,851				
1978-79 .....	4,700	6.49	30,510	2,565				
1979-80 .....	6,000	4.57	27,439	3,216				
1980-81 .....	3,600	6.00	21,595	2,493				
1981-82 .....	3,200	5.89	18,862	2,362				
1982-83 .....	4,700	5.97	28,056	3,137				
1983-84 <sup>5</sup> .....	2,900	7.41	21,489	2,138				

See footnotes on page 200.

**Table 277.—Citrus fruits: Production and season average returns per box, by States, 1981-82 to 1983-84**

Crop and State	Production of crop for season <sup>1</sup> of—			Price <sup>3</sup> of crop for season of—		
	1981-82	1982-83	1983-84 <sup>2</sup>	1981-82	1982-83	1983-84 <sup>2</sup>
<b>ORANGES</b>						
Early, midseason, and Navel varieties: <sup>4</sup>	1,000 boxes	1,000 boxes	1,000 boxes	Dollars	Dollars	Dollars
Ariz.....	900	1,050	550	5.90	8.73	7.83
Calif.....	26,500	40,200	33,700	7.22	4.61	5.57
Fla.....	74,000	70,200	69,700	5.97	6.58	6.89
Tex.....	3,610	3,590	2,400	4.48	4.85	4.61
Total above varieties <sup>5</sup> .....	105,010	115,040	106,350	6.24	5.86	6.43
Valencia:						
Ariz.....	2,150	2,750	1,250	6.03	3.32	7.70
Calif.....	15,400	35,900	14,800	11.51	3.66	14.22
Fla.....	51,800	69,400	47,000	5.99	7.11	8.52
Tex.....	2,330	2,090	110	5.18	4.31	3.82
Total Valencia <sup>5</sup> .....	71,680	110,140	63,160	7.15	5.84	9.83
All oranges:						
Ariz.....	3,050	3,800	1,800	5.99	4.82	7.74
Calif.....	41,900	76,100	48,500	8.80	4.16	8.21
Fla.....	125,800	139,600	116,700	5.98	6.85	7.55
Tex.....	5,940	5,680	2,510	4.75	4.65	4.58
U.S., all oranges <sup>5</sup> .....	176,690	225,180	169,510	6.61	5.85	7.69
<b>GRAPEFRUIT</b>						
Ariz.....	2,400	2,700	2,270	2.36	2.55	3.98
Calif., all.....	6,150	7,300	7,240	3.20	3.33	4.23
Desert.....	3,400	4,100	3,340	3.02	2.82	4.01
Other areas.....	2,750	3,200	3,900	3.41	3.98	4.43
Fla., all.....	48,100	39,400	40,900	3.44	3.30	4.17
Pink seedless.....	14,800	12,800	13,400	4.15	4.53	5.48
White seedless.....	27,300	21,800	23,000	3.28	2.86	3.56
Other.....	6,000	4,800	4,500	2.43	2.00	3.41
Tex.....	13,900	11,200	3,200	2.75	2.16	2.93
U.S., all grapefruit <sup>5</sup> .....	70,550	60,600	53,610	3.25	3.06	4.10
<b>LEMONS</b>						
Ariz.....	6,300	5,050	4,000	3.32	4.41	4.83
Calif.....	18,500	20,300	17,250	4.58	4.38	6.15
U.S., lemons <sup>5</sup> .....	24,800	25,350	21,250	4.26	4.39	5.91
<b>LIMES</b>						
Fla.....	1,300	1,700	1,500	12.44	13.09	11.67
<b>TANGELOS</b>						
Fla.....	5,100	3,800	3,600	5.46	6.34	6.33
<b>TANGERINES</b>						
Ariz.....	750	1,100	1,150	6.68	6.28	7.05
Calif.....	1,730	2,150	1,850	7.93	6.19	7.34
Fla.....	2,500	2,250	2,000	8.80	10.14	8.61
U.S., tangerines <sup>5</sup> .....	4,980	5,500	5,000	8.18	7.82	7.78
<b>TEMPLES</b>						
Fla.....	3,200	4,700	2,900	5.89	5.97	7.41

<sup>1</sup> Season begins with the bloom of the first year shown and ends with completion of harvest the following year. For oranges, harvest in California usually starts in late October of the first year shown and continues into December of the following year. In other States, harvest of oranges begins about Oct. 1 and ends in early summer. Grapefruit harvest for the California Desert and for all other States begins in the fall and ends by early summer. Harvest of other California grapefruit begins in March of the year after bloom through October. California lemons are harvested from Aug. 1 to July 31; Arizona lemons are harvested from Aug. 15 to Feb. 1. Florida limes are picked mostly from April through March. Florida tangelos are harvested largely from October through April.

<sup>2</sup> Preliminary.

<sup>3</sup> Equivalent returns per box at the intake packinghouse-door for all methods of sale.

<sup>4</sup> Navel and miscellaneous varieties in Arizona and California; early and midseason varieties in Florida and Texas, including small quantities of tangerines in Texas.

<sup>5</sup> Net content of box varies. Approximate averages are as follows: Oranges—Arizona and California, 75 pounds; Florida, 90 pounds; and Texas, 85 pounds; grapefruit—Arizona and California Desert, 64 pounds; other California areas, 67 pounds; Florida, 85 pounds; Texas, 80 pounds; lemons—76 pounds; limes—80 pounds; tangelos—90 pounds; tangerines—Arizona and California, 75 pounds; Florida, 95 pounds; and temples—90 pounds.

Statistical Reporting Service.

Table 278.—Citrus fruits: Production in specified countries, 1982-83 to 1984-85 <sup>1</sup>

Commodity and country	1982-83	1983-84	1984-85 <sup>2</sup>	Commodity and country	1982-83	1983-84	1984-85 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Oranges:</b>				<b>Grapefruit:</b>			
Mexico.....	1,380	1,220	865	Mexico.....	100	85	55
United States <sup>3</sup> .....	8,827	6,684	6,272	United States.....	2,220	1,969	2,051
Argentina.....	639	500	600	Argentina.....	147	140	130
Brazil.....	9,210	9,588	10,812	Brazil.....	35	35	35
Chile.....	66	69	73	Uruguay.....	9	10	9
Uruguay.....	64	60	64	Cuba.....	125	145	150
Cuba.....	400	430	450	Greece.....	4	4	5
Greece.....	665	691	787	Egypt.....	5	3	9
Italy.....	1,498	2,299	1,850	Italy.....	5	8	9
Spain.....	1,652	2,077	1,235	Spain.....	10	13	12
Cyprus.....	148	210	147	Cyprus.....	90	105	97
Gaza Strip.....	150	125	140	Gaza Strip.....	17	17	17
Israel.....	889	950	884	Israel.....	460	406	380
Lebanon.....	225	200	220	Lebanon.....	25	20	20
Turkey.....	656	600	540	Turkey.....	26	24	22
Egypt.....	1,201	1,243	1,255	Morocco.....	9	9	9
Morocco.....	670	731	735	South Africa.....	73	81	107
South Africa.....	510	491	491	Australia.....	31	30	29
Australia.....	392	459	436				
Japan.....	52	60	59	Total.....	3,411	3,117	3,160
Total.....	29,294	28,687	27,915				
<b>Tangerines:</b>				<b>Lemons:</b>			
Mexico.....	110	110	60	Mexico.....	3	3	3
United States <sup>4</sup> .....	363	328	278	United States.....	874	732	860
Argentina.....	244	190	250	Argentina.....	382	320	360
Brazil <sup>5</sup> .....	571	530	510	Brazil <sup>5</sup> .....	16	16	16
Uruguay.....	35	38	38	Chile.....	70	58	70
Cuba.....	35	40	43	Uruguay.....	22	25	23
Greece.....	42	58	60	Greece.....	165	188	200
Italy.....	338	470	350	Egypt.....	1	1	1
Spain.....	920	1,263	883	Italy.....	630	855	713
Cyprus.....	3	3	4	Spain.....	426	523	258
Israel.....	86	107	104	Cyprus.....	43	48	49
Lebanon.....	40	35	30	Gaza Strip.....	8	8	8
Turkey.....	198	180	160	Israel.....	75	57	63
Egypt.....	113	106	130	Lebanon.....	50	40	30
Morocco.....	245	243	243	Turkey.....	250	230	200
Japan.....	3,228	3,239	2,357	Morocco.....	9	9	9
Australia.....	36	30	31	South Africa.....	46	46	52
				Australia.....	29	40	37
Total.....	6,609	6,970	5,556	Total.....	3,099	3,199	2,972

<sup>1</sup> Split years refer to harvest periods which usually begin in the fall and extend through the following spring. This corresponds roughly with October-June in the Northern Hemisphere and April-December of the second year shown in the Southern Hemisphere.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes temple oranges.

<sup>4</sup> Includes tangelos.

<sup>5</sup> Includes only production in the state of Sao Paulo.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information. U.S. data are from USDA Crop Reporting Board.



Table 279.—Canned citrus juices, single-strength: United States packs, 1970-83

Season	Orange juice				Blended orange and grapefruit juice				Tangerine and tangerine blends
	Florida	California and Arizona	Texas	Total	Florida	California and Arizona	Texas	Total	
	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>
1970.....	11,599	1,947	1,906	15,452	2,186	198	116	2,500	35
1971.....	10,800	1,718	1,334	13,852	1,807	64	112	1,983	16
1972.....	13,670	1,484	1,899	17,053	1,898	117	120	2,135	24
1973.....	10,885	1,676	1,258	13,819	1,782	145	56	1,983	18
1974.....	10,737	1,115	1,441	13,293	1,493	113	117	1,723	12
1975.....	10,635	1,570	1,256	13,461	1,687	144	938	2,769	19
1976.....	10,767	1,183	2,485	14,435	1,308	187	89	1,584	35
1977.....	11,654	1,748	2,427	15,829	1,664	194	87	1,945	8
1978.....	13,222	2,795	2,209	18,226	1,255	95	80	1,430	19
1979.....	13,869	2,079	2,419	18,367	1,314	138	82	1,534	17
1980.....	13,012	2,397	2,195	17,604	984	51	47	1,082	9
1981.....	11,504	1,169	1,057	13,730	727	43	42	812	6
1982.....	9,802	(*)	(*)	<sup>5</sup> 9,802	650	(*)	(*)	<sup>5</sup> 650	4
1983.....	9,084	(*)	(*)	<sup>5</sup> 9,084	555	(*)	(*)	<sup>5</sup> 555	(*)

<sup>1</sup> Equivalent cases of 24 No. 2 cans.<sup>2</sup> Pack data not available.<sup>3</sup> Texas included with California and Arizona.<sup>4</sup> Not available.<sup>5</sup> Florida only.

Economic Research Service. Based on data obtained from various canners' associations and individual canners.

Table 280.—Concentrated citrus juices: Annual packs, Florida, 1970-83

Season beginning December	Frozen concentrated juice			
	Orange <sup>1</sup>	Grapefruit	Tangerine	Blend
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1970.....	125,187	6,870	1,090	18
1971.....	134,229	8,798	1,220	22
1972.....	176,073	8,658	1,072	3
1973.....	171,846	9,026	1,019	11
1974.....	178,174	7,847	1,147	4
1975.....	186,265	9,316	1,111	1
1976.....	158,035	11,258	926	18
1977.....	161,204	13,693	1,672	1
1978.....	173,100	14,243	1,367	3
1979.....	231,257	19,443	2,142	1
1980.....	174,537	20,763	1,175	3
1981.....	133,294	21,869	924	18
1982.....	169,577	14,483	505	1
1983.....	121,216	19,291	806	n.a.

<sup>1</sup> Frozen orange juice reported in 45.0° Brix through 1978; 43.4° Brix for 1979-80; and 42.0° Brix thereafter. Includes concentrated juice for manufacture.

n.a. Not available.

Economic Research Service. Based on data obtained from Florida Citrus Processors' Association.

## FOOTNOTES FOR TABLE 276

<sup>1</sup> See footnote 1, table 277.<sup>2</sup> Equivalent returns per box at the intake packinghouse door for all methods of sale.<sup>3</sup> Includes quantities used for juice, concentrates, grapefruit segments, and other citrus products. In some seasons, includes appreciable quantities of oranges and lemons in California delivered to processing plants which were not utilized, but for which growers received payment.<sup>4</sup> Includes small quantities of tangerines in Texas. Excludes Florida temples.<sup>5</sup> Preliminary.

Statistical Reporting Service.

**Table 281.—Grapefruit sections and single-strength juice, canned: Annual pack by producing areas, 1970-83**

Season	Sections, Florida	Juice (single-strength)			
		Florida	Texas	California and Arizona	Total
	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>
1970.....	3,292	19,110	4,650	2,233	25,993
1971.....	2,571	20,874	3,837	2,066	26,777
1972.....	2,687	19,059	6,572	2,631	28,262
1973.....	3,027	20,576	6,013	2,412	29,001
1974.....	2,236	16,394	2,789	2,446	21,629
1975.....	1,602	18,890	4,030	2,901	25,821
1976.....	1,722	18,809	5,867	3,013	27,689
1977.....	1,753	17,246	4,690	4,443	26,379
1978.....	1,823	16,764	3,462	4,949	25,175
1979.....	1,966	16,604	3,606	4,018	24,228
1980.....	1,671	14,231	2,005	3,193	19,429
1981.....	1,343	15,724	1,894	2,811	20,429
1982.....	1,235	11,651	( <sup>2</sup> )	( <sup>2</sup> )	11,651
1983.....	( <sup>2</sup> )	9,513	( <sup>2</sup> )	( <sup>2</sup> )	<sup>3</sup> 9,513

<sup>1</sup> Equivalent cases of 24 No. 2 cans.<sup>2</sup> Not available.<sup>3</sup> Florida only.

Economic Research Service. Based on data obtained from various canners' associations and individual canners.

**Table 282.—Citrus juice: United States exports by kind, 1970/71-1983/84**

Year beginning November	Orange juice			Grapefruit juice		
	Single strength	Concentrate		Single strength	Concentrate	
		Hot pack	Frozen		Hot pack	Frozen
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
1970/71.....	10,931	1,417	7,708	5,119	276	952
1971/72.....	8,942	1,310	7,925	4,956	288	1,045
1972/73.....	10,129	1,170	11,007	4,857	344	1,461
1973/74.....	10,083	1,395	11,973	4,965	310	1,155
1974/75.....	9,734	931	12,636	4,850	213	1,214
1975/76.....	10,693	1,354	15,161	5,115	306	1,292
1976/77.....	10,472	1,663	17,086	5,445	310	1,988
1977/78.....	9,819	( <sup>1</sup> )	( <sup>1</sup> )	4,358	( <sup>1</sup> )	( <sup>1</sup> )
1978/79.....	8,827	( <sup>1</sup> )	( <sup>1</sup> )	3,832	( <sup>1</sup> )	( <sup>1</sup> )
1979/80.....	10,105	( <sup>1</sup> )	( <sup>1</sup> )	3,977	( <sup>1</sup> )	( <sup>1</sup> )
1980/81.....	9,282	<sup>2</sup> 6,763	<sup>2</sup> 74,563	3,834	<sup>2</sup> 1,906	<sup>2</sup> 13,839
1981/82.....	7,678	<sup>2</sup> 7,028	<sup>2</sup> 63,291	3,119	<sup>2</sup> 1,637	<sup>2</sup> 13,652
1982/83.....	6,834	<sup>2</sup> 5,942	<sup>2</sup> 69,659	<sup>2</sup> 2,966	<sup>2</sup> 1,379	<sup>2</sup> 9,752
1983/84.....	5,356	<sup>2</sup> 4,324	<sup>2</sup> 65,716	<sup>2</sup> 1,756	<sup>2</sup> 1,532	<sup>2</sup> 12,259

<sup>1</sup> Omitted because data misleading. Reporting of concentrated juices was changed from concentrated to single-strength gallons in January 1978, but some custom ports inadvertently failed to do so until later in the year.<sup>2</sup> Single strength equivalent.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 283.—Oranges, fresh: <sup>1</sup> United States exports by country of destination, 1981-83

Country of destination	Year beginning November			Country of destination	Year beginning November		
	1981	1982	1983		1981	1982	1983
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Other countries:			
Belgium and Luxembourg..	1,095	4,477	0	Australia.....	1,614	4,892	8,932
Denmark.....	0	60	0	Canada.....	132,287	162,760	130,269
France.....	626	3,325	315	Taiwan.....	1,401	4,855	998
Germany, Fed. Rep. of.....	137	1,472	2	French Pacific Islands.....	250	436	429
Iceland.....	127	25	19	Hong Kong.....	95,056	117,315	101,260
Netherlands.....	2,214	16,404	389	Indonesia.....	3,387	730	31
Norway.....	457	755	0	Japan.....	83,293	87,210	83,468
Sweden.....	681	2,211	40	Korea, Rep. of.....	100	145	142
United Kingdom.....	71	2,707	103	Malaysia.....	6,843	16,037	13,543
Other countries.....	14	169	6	New Zealand.....	6,617	6,466	3,715
Total.....	5,422	31,605	874	Philippines.....	82	14	0
				Singapore.....	15,662	24,865	20,413
Latin America:				United Arab Emirates.....		754	121
Mexico.....	247	678	407	Other countries.....	59	522	1,819
Other countries.....	20	43	56	Total.....	346,651	427,031	365,140
Total.....	267	721	463	Grand total.....	354,066	461,073	367,628
Bermuda and Caribbean:							
Bahamas.....	97	55	42				
Barbados.....	208	585	495				
Bermuda.....	148	120	120				
French West Indies.....	371	207	7				
Netherlands Antilles.....	887	744	480				
Other countries.....	15	5	7				
Total.....	1,726	1,716	1,151				

<sup>1</sup> Includes temple oranges.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 284.—Fresh citrus fruits: Foreign trade, United States, 1970-83

Year <sup>1</sup>	Oranges		Grapefruit		Lemons		Limes		Tangerines	
	Imports	Domes- tic exports	Imports	Domes- tic exports	Imports	Domes- tic exports	Imports	Domes- tic exports	Imports	Domes- tic exports
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1970.....	46,458	236,806	3,084	95,078	( <sup>2</sup> ) 131,906	1,415	896	.....	11,621	.....
1971.....	45,151	291,560	6,387	177,505	3 155,808	1,706	793	.....	14,136	.....
1972.....	50,009	272,165	7,874	187,226	28 195,656	1,887	2,792	.....	10,059	.....
1973.....	45,682	312,059	6,423	229,008	15 193,362	3,084	1,965	.....	9,183	.....
1974.....	36,252	478,871	4,717	221,838	18 190,675	3,665	2,517	.....	12,955	.....
1975.....	21,473	440,159	4,246	277,547	( <sup>2</sup> ) 209,990	4,645	2,999	.....	14,860	.....
1976.....	45,764	407,315	8,891	277,271	166 238,908	7,221	1,999	.....	15,736	.....
1977.....	25,719	337,435	2,867	260,827	28 217,443	11,286	2,551	<sup>3</sup> 6,124	16,994	.....
1978.....	28,536	300,285	2,722	278,443	355 180,498	11,939	3,516	22,616	21,642	.....
1979.....	14,924	459,393	4,215	272,625	55 170,093	17,487	3,453	19,811	19,897	.....
1980.....	7,765	411,608	4,085	297,753	45 175,128	21,253	2,457	12,915	16,030	.....
1981.....	13,681	372,142	997	269,645	5,159 136,081	14,532	3,025	16,810	12,923	.....
1982.....	6,215	440,702	2,070	301,835	1,579 151,891	11,689	2,230	9,882	17,485	.....
1983.....	17,250	383,331	977	243,388	5,503 152,672	20,636	2,289	18,451	10,195	.....

<sup>1</sup> Year beginning October for all commodities. Prior to 1976, year beginning November for oranges, tangerines, and lemons; September for grapefruit and July for limes.<sup>2</sup> Less than one metric ton.<sup>3</sup> Beginning 1977, tangerines reported separately.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 285.—Dates: Production, season average price per ton, and value, California, 1970-84**

Year	Production	Price <sup>1</sup>	Value	Year	Production	Price <sup>1</sup>	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	18,200	149	2,712	1978.....	21,550	485	10,452
1971.....	19,500	159	3,101	1979.....	21,300	514	10,948
1972.....	15,700	173	2,716	1980.....	22,400	634	14,204
1973.....	23,100	198	4,574	1981.....	22,300	639	14,250
1974.....	22,700	222	5,039	1982.....	23,900	736	17,590
1975.....	24,800	298	7,390	1983.....	17,000	638	10,846
1976.....	22,400	346	7,750	1984 <sup>2</sup> .....	22,500	816	18,360
1977.....	25,400	338	8,585				

<sup>1</sup> Quantities processed are priced at the equivalent processing plant door level.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 286.—Dates: Foreign trade, United States, 1970-83**

Year beginning July	Imports	Year beginning July	Imports	Year beginning July	Imports
	<i>Metric tons</i>		<i>Metric tons</i>		<i>Metric tons</i>
1970.....	11,802	1975.....	17,624	1980 <sup>1</sup> .....	1,270
1971.....	13,450	1976 <sup>1</sup> .....	16,781	1981 <sup>1</sup> .....	5,163
1972.....	15,987	1977 <sup>1</sup> .....	16,542	1982 <sup>1</sup> .....	9,475
1973.....	14,201	1978 <sup>1</sup> .....	18,429	1983 <sup>3</sup> .....	10,220
1974.....	11,287	1979 <sup>1</sup> .....	12,905		

<sup>1</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.



**Table 287.—Cranberries: Area, yield, production, season average price per barrel, value and quantities processed, United States, 1970–84<sup>1</sup>**

Year	Area harvested	Yield per acre <sup>2</sup>	Total production <sup>3</sup>	Utilized production	Price <sup>4</sup>	Value	Quantities processed <sup>5</sup>
	<i>Acres</i>	<i>Barrels <sup>6</sup></i>	<i>Barrels <sup>6</sup></i>	<i>Barrels <sup>6</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Barrels <sup>6</sup></i>
1970.....	21,745	93.7	2,036,600	1,844,600	10.70	19,675	1,400,000
1971.....	22,410	101.1	2,264,800	1,639,800	10.70	17,599	1,158,800
1972.....	22,590	92.0	2,078,000	2,078,000	12.50	26,021	1,567,100
1973.....	23,100	90.9	2,100,300	2,100,300	13.50	28,384	1,470,200
1974.....	23,400	95.6	2,236,000	2,236,000	11.00	24,715	1,486,700
1975.....	23,300	89.1	2,075,100	2,075,100	13.10	27,112	1,444,200
1976.....	23,080	104.3	2,407,300	2,407,300	13.50	32,424	1,755,500
1977.....	22,540	93.3	2,102,200	2,102,200	18.10	38,154	1,454,000
1978.....	23,120	106.3	2,458,500	2,458,500	21.50	52,903	1,917,700
1979.....	23,200	106.7	2,475,500	2,475,500	26.70	66,039	2,067,000
1980.....	23,190	116.3	2,697,500	2,697,500	33.20	89,462	2,259,600
1981.....	23,150	112.0	2,593,000	2,593,000	41.50	107,494	1,977,100
1982.....	23,310	130.4	3,039,000	3,039,000	46.70	142,050	2,380,800
1983.....	23,550	126.8	2,986,000	2,986,000	52.00	155,276	2,588,100
1984 <sup>7</sup> .....	23,820	139.5	3,322,000	3,322,000	59.40	180,607	2,944,500

<sup>1</sup> Estimates relate to Massachusetts, New Jersey, Oregon, Washington, and Wisconsin.<sup>2</sup> Derived from total production.<sup>3</sup> Differences between utilized and total production are quantities unharvested for economic reasons or excess cullage and/or set-aside production under provisions of the Cranberry Marketing Order.<sup>4</sup> Average price of utilized production. Equivalent returns at first delivery point, screened basis of utilized production.<sup>5</sup> Mainly for canning.<sup>6</sup> Barrels of 100 pounds.<sup>7</sup> Preliminary.

Statistical Reporting Service.

**Table 288.—Cranberries: Area, yield, production, and season average price per barrel, by States, 1982–84**

State	Area harvested			Yield per acre			Total production			Price <sup>2</sup> for crop of		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Mass.....	11,200	11,200	11,200	114.9	126.9	148.5	1,287,000	1,421,000	1,663,000	46.30	51.70	54.40
N.J.....	3,000	3,100	3,200	98.3	75.2	85.6	295,000	233,000	274,000	46.80	52.40	55.00
Oreg.....	810	850	920	80.2	88.2	89.1	65,000	75,000	82,000	47.10	52.50	55.30
Wash.....	1,100	1,100	1,100	83.6	113.6	93.6	92,000	125,000	103,000	47.10	52.50	55.30
Wis.....	7,200	7,300	7,400	180.6	115.1	162.2	1,300,000	1,132,000	1,200,000	47.10	52.20	54.40
U.S.....	23,310	23,550	23,820	130.4	126.8	139.5	3,039,000	2,986,000	3,322,000	46.70	52.00	54.40

<sup>1</sup> Preliminary.<sup>2</sup> Average price of utilized production. Equivalent returns at first delivery point, screened basis of utilized production.<sup>3</sup> Barrels of 100 pounds.

Statistical Reporting Service.

**Table 289.—Figs: Production, season average price per ton, and value, California, 1970-84**

Year	Dried (dry basis)					Fresh and canned			Total		
	Production			Price	Value	Production (fresh basis)	Price <sup>1</sup>	Value	Production (fresh basis) <sup>2</sup>	Price <sup>1</sup>	Value
	Total	Stand-ard	Substand-ard								
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970 .....	14,070	12,280	1,790	219.00	3,081	7,390	276.00	2,040	49,600	103.00	5,109
1971 .....	13,440	10,370	3,070	203.00	2,726	5,280	230.00	1,214	45,600	86.50	3,944
1972 .....	11,050	8,950	2,100	388.00	4,293	3,250	258.00	839	36,400	141.00	5,132
1973 .....	12,420	11,220	1,200	680.00	8,451	4,340	267.00	1,159	41,600	231.00	9,610
1974 .....	13,130	11,430	1,700	682.00	8,955	5,000	284.00	1,422	44,600	233.00	10,392
1975 .....	11,610	8,840	2,770	585.00	6,792	3,170	236.00	747	38,000	198.00	7,524
1976 .....	10,070	7,000	3,070	522.00	5,257	1,900	271.00	516	32,100	180.00	5,778
1977 .....	12,700	11,000	1,700	869.00	11,036	3,400	345.00	1,173	41,500	295.00	12,243
1978 .....	9,300	6,930	2,370	912.00	8,482	3,700	352.00	1,302	31,600	318.00	10,049
1979 .....	11,640	10,240	1,400	1,217.00	14,168	3,800	416.00	1,582	38,720	399.00	15,444
1980 .....	14,450	11,400	3,050	888.00	12,837	2,100	493.00	1,035	45,450	306.00	13,910
1981 .....	12,200	10,150	2,050	961.00	11,719	1,600	542.00	867	38,200	329.00	12,579
1982 .....	12,200	9,650	2,550	820.00	9,999	1,100	461.00	507	37,700	278.00	10,499
1983 .....	11,050	9,000	2,050	600.0	6,631	850	426.00	362	34,000	206.00	6,992
1984 .....	11,150	9,500	1,650	830.0	9,251	1,950	442.00	500	35,400	286.00	10,132

<sup>1</sup> Quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup> Dried figs converted to fresh basis at ratio of 3 pounds fresh to 1 pound dried.

Statistical Reporting Service.

**Table 290.—Figs, dried: Foreign trade, United States, 1970-83**

Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
1970 .....	1,570	1,075	1975 .....	1,773	1,002	1980 <sup>1</sup> .....	1,843	1,388
1971 .....	1,335	1,291	1976 <sup>1</sup> .....	3,211	711	1981 <sup>1</sup> .....	2,068	1,241
1972 .....	1,848	850	1977 <sup>1</sup> .....	3,368	1,310	1982 <sup>1</sup> .....	2,517	731
1973 .....	1,416	1,310	1978 <sup>1</sup> .....	3,387	1,472	1983 <sup>1</sup> .....	2,745	995
1974 .....	1,130	740	1979 <sup>1</sup> .....	1,975	1,645			

<sup>1</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 291.—Grapes: Production, value, and raisin production, United States, 1970-84**

Year	Grapes				Raisins, production (California) <sup>2</sup>	Year	Grapes				Raisins, production (California) <sup>2</sup>
	Production (fresh basis)		Season average price per ton <sup>1</sup>	Value			Production (fresh basis)		Season average price per ton <sup>1</sup>	Value	
	Total	Utilized					Total	Utilized			
	1,000 tons	1,000 tons	Dollars	1,000 dollars	1,000 tons		1,000 tons	1,000 tons	Dollars	1,000 dollars	1,000 tons
1970 .....	3,103	3,103	94.20	292,263	193	1978 <sup>3</sup> .....	4,567	4,318	233.00	1,005,794	229
1971 .....	3,994	3,994	96.00	383,267	194	1979 .....	4,989	4,989	236.00	1,179,238	302
1972 .....	2,579	2,579	165.00	426,238	105	1980 .....	5,595	5,595	240.00	1,341,092	309
1973 .....	4,198	4,198	162.00	681,675	224	1981 .....	4,458	4,458	297.00	1,323,513	256
1974 .....	4,199	4,199	139.00	582,289	242	1982 <sup>3</sup> .....	6,555	5,865	232.00	1,358,896	292
1975 .....	4,366	4,365	142.00	618,178	283	1983 <sup>3</sup> .....	5,506	5,360	199.00	1,066,322	396
1976 <sup>3</sup> .....	4,398	4,093	155.00	635,570	283	1984 <sup>3</sup> <sup>4</sup> .....	5,164	5,140	184.00	946,539	333
1977 .....	4,298	4,296	194.00	835,299	248						

<sup>1</sup> Fresh fruit prices are equivalent packinghouse-door returns for California and Washington and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. <sup>2</sup> Dried basis; 1 ton of raisins equivalent to about 4-5 tons of fresh grapes. Excludes table varieties dried. <sup>3</sup> Difference between total and utilized production reflects loss of California raisins laid but not harvested due to severe weather damage: 1976-65,000 tons (293,000 tons fresh equivalent); 1978-56,300 tons (248,000 tons fresh equivalent); and total U.S. grape loss, 1982-690,200 tons fresh equivalent; 1983-145,500 tons fresh equivalent; 1984-24,100 tons fresh equivalent. <sup>4</sup> Preliminary.

Statistical Reporting Service.

**Table 292.—Grapes: Production and season average price per ton, by States, 1982-84**

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
Ariz.....	15,100	14,600	14,000	15,100	14,600	14,000	991.00	1,050.00	1,310.00
Ark.....	10,500	10,000	9,000	10,500	10,000	9,000	238.00	252.00	180.00
Calif.:									
All varieties <sup>3</sup> .....	6,076,000	4,919,000	4,640,000	5,386,000	4,775,000	4,627,000	231.00	199.00	183.00
Wine varieties.....	2,402,000	1,880,000	1,900,000	2,152,000	1,880,000	1,900,000	218.00	209.00	201.00
Table varieties.....	612,000	504,000	475,000	592,000	504,000	475,000	344.00	351.00	304.00
Raisin varieties <sup>3</sup> <sup>4</sup> .....	3,062,000	2,535,000	2,265,000	2,642,000	2,391,000	2,252,000	218.00	158.00	143.00
Dried <sup>5</sup> .....	292,000	396,000	333,000	292,000	396,000	333,000	1,153.00	587.00	560.00
Not dried.....	1,112,000	617,000	870,000	1,112,000	617,000	870,000	214.00	236.00	156.00
Ga.....	2,800	2,500	2,700	2,600	2,300	2,600	473.00	534.00	581.00
Mich.....	58,500	60,000	49,000	58,500	60,000	49,000	201.00	194.00	166.00
Mo.....	3,400	3,600	3,100	3,400	3,600	3,100	320.00	330.00	288.00
N.Y.....	157,000	191,000	198,000	157,000	191,000	188,500	221.00	199.00	180.00
N.C.....	4,500	3,000	5,900	4,500	3,000	4,900	321.00	324.00	341.00
Ohio.....	9,000	11,000	11,200	9,000	11,000	11,200	197.00	197.00	215.00
Pa.....	47,000	62,500	60,000	47,000	62,500	59,500	225.00	170.00	143.00
S.C.....	2,400	1,500	2,500	2,400	1,500	2,500	289.00	303.00	339.00
Wash.....	168,900	227,000	168,500	168,900	225,700	168,500	185.00	152.00	124.00
U.S.....	6,555,100	5,505,700	5,163,900	5,864,900	5,360,200	5,139,800	232.00	199.00	184.00

<sup>1</sup> Preliminary. <sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for California and Washington and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. <sup>3</sup> Price derived from unrounded data. <sup>4</sup> Fresh equivalent of dried and not dried. <sup>5</sup> Dried basis: 1 ton of raisins is equivalent to 5.24 tons fresh basis for 1982, 4.48 tons for 1983 and 4.15 tons for 1984.

Statistical Reporting Service.

Table 293.—Grapes: Production and utilization, United States, 1970-84

Crop of—	Total production	Utilized production	Utilization of quantities sold				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Crushed for wine	Crushed for juice, etc. <sup>2</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1970 .....	3,103,330	3,103,330	390,006	53,700	821,300	1,583,229	254,595
1971 .....	3,994,420	3,994,420	392,650	58,400	895,900	2,309,740	337,730
1972 .....	2,578,650	2,578,650	358,585	50,500	437,400	1,520,190	211,975
1973 .....	4,198,300	4,198,350	405,805	59,000	969,300	2,567,328	196,917
1974 .....	4,198,800	4,198,800	434,480	61,200	1,023,300	2,415,711	263,599
1975 .....	4,366,330	4,365,070	498,190	52,700	1,252,400	2,275,480	286,300
1976 <sup>3</sup> .....	4,398,330	4,092,980	466,330	48,000	982,500	2,321,710	274,440
1977 <sup>3</sup> .....	4,297,750	4,296,200	481,350	54,000	1,134,000	2,411,500	215,350
1978 <sup>3</sup> .....	4,566,700	4,317,800	437,250	55,000	759,000	2,671,450	395,100
1979 .....	4,989,000	4,988,700	524,100	60,000	1,380,900	2,713,100	310,600
1980 .....	5,595,200	5,594,900	569,090	63,000	1,620,000	2,996,300	346,510
1981 .....	4,458,200	4,457,600	526,490	42,000	1,032,000	2,521,550	335,560
1982 .....	5,555,100	5,864,900	706,380	35,000	1,547,500	3,227,300	343,720
1983 .....	5,505,700	5,360,200	671,090	35,000	1,785,000	2,422,700	446,410
1984 <sup>4</sup> .....	5,163,900	5,139,800	654,890	30,000	1,385,500	2,693,150	376,260

<sup>1</sup> Includes "Home use." <sup>2</sup> Mostly juice, but includes some quantities used for jam, jelly, etc. <sup>3</sup> Total production includes loss for California raisin variety grapes laid to raisins but not harvested due to severe weather damage: 1976—293,000 fresh tons, 1978—248,000 fresh tons. California all grapes, 1982—690,000, 1983—145,000.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 294.—Grapes: Production and utilization, by States, crop 1984 (preliminary)

State	Total production	Utilized production	Utilization				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Crushed for—	
	Tons	Tons	Tons	Tons	Tons	Wine	Juice, etc. <sup>2</sup>
Ariz.....	14,000	14,000	14,000				
Calif.:							
All varieties .....	4,640,000	4,627,000	628,000	30,000	1,385,500	2,583,500	
Wine varieties .....	1,900,000	1,900,000	75,000			1,825,000	
Table varieties .....	475,000	475,000	300,000		8,500	171,500	
Raisin varieties.....	2,265,000	2,252,000	253,000	30,000	1,382,000	587,000	
Mich.....	49,000	49,000	1,700			1,400	45,900
N.Y.....	198,000	188,500	4,500			72,500	111,500
Ohio.....	11,200	11,200	400			1,100	9,700
Pa.....	60,000	59,500	1,500			6,400	51,600
Wash.....	168,500	168,500	500			17,800	150,200
Other States <sup>4</sup> .....	23,200	22,100	4,290			10,450	7,360
U.S.....	5,163,900	5,139,800	654,890	30,000	1,385,500	2,693,150	376,260

<sup>1</sup> Includes "Home use." <sup>2</sup> Mostly juice, but includes some quantities used for jam, jelly, etc. <sup>3</sup> Equivalent raisins produced (dried basis): 394,000 tons. <sup>4</sup> Arkansas, Georgia, Missouri, North Carolina, and South Carolina.

Statistical Reporting Service.



Table 295.—Raisins and currants: United States exports by country of destination, 1981/82-83/84

Country of destination	Year beginning September			Country of destination	Year beginning September		
	1981/ 82	1982/ 83	1983/ 84		1981/ 82	1982/ 83	1983/ 84
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Europe:</b>				<b>Bermuda and Caribbean:</b>			
Austria.....	22	56	59	Bahamas.....	51	50	49
Belgium and Luxembourg....	995	819	1,256	Bermuda.....	38	52	69
Denmark.....	1,523	1,598	2,032	Dominican Republic.....	97	37	210
Finland.....	1,576	1,117	1,917	Haiti.....	6	11	13
France.....	733	528	468	Jamaica.....	89	52	23
Germany, Fed. Rep. of.....	3,829	2,530	3,236	Netherlands Antilles.....	69	34	21
Iceland.....	106	136	105	Trinidad and Tobago.....	133	93	122
Ireland.....		51	80	Other countries.....	11	16	17
Netherlands.....	1,486	1,351	2,155	<b>Total.....</b>	<b>494</b>	<b>345</b>	<b>524</b>
Norway.....	2,243	1,023	1,617				
Sweden.....	4,673	2,585	3,598	<b>Other countries:</b>			
Switzerland.....	664	701	644	Australia.....	1		454
United Kingdom.....	2,118	2,306	3,681	Canada.....	7,215	6,350	4,285
Other countries.....	5	8	34	Hong Kong.....	656	741	854
<b>Total.....</b>	<b>19,973</b>	<b>14,809</b>	<b>20,882</b>	Indonesia.....	292	410	334
				Israel.....	24	191	17
<b>Latin America:</b>				Japan.....	15,823	17,094	15,029
Argentina.....		10		Korea, Rep. of.....	2,546	2,003	1,605
Bolivia.....	1			Lebanon.....	2	16	3
Brazil.....	99	270	271	Malaysia.....	872	899	1,107
Colombia.....	537	374	325	New Zealand.....	1,065	917	1,034
Costa Rica.....	6	14	17	Philippines.....	511	643	199
Ecuador.....	91	55	2	Saudi Arabia.....	247	732	769
El Salvador.....	5	8	29	Singapore.....	744	503	655
Guatemala.....	29	24	18	Taiwan.....	2,708	3,141	2,513
Honduras.....	44	19	21	Thailand.....	117	216	117
Mexico.....	35		23	Other countries.....	215	128	168
Panama.....	183	302	248	<b>Total.....</b>	<b>33,037</b>	<b>33,984</b>	<b>29,143</b>
Venezuela.....	1,119	1,434	652				
Other countries.....	32	18	3	<b>Grand total.....</b>	<b>55,685</b>	<b>51,666</b>	<b>52,158</b>
<b>Total.....</b>	<b>2,181</b>	<b>2,528</b>	<b>1,609</b>				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 296.—Grapes and raisins: Foreign trade, United States 1970-83

Year	Grapes		Raisin <sup>1</sup>		Year	Grapes		Raisin <sup>1</sup>	
	Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports		Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1970.....	20,168	103,689	1,009	61,188	1977 <sup>2</sup> .....	28,094	102,154	998	56,870
1971.....	11,520	127,595	3,197	72,642	1978 <sup>2</sup> .....	43,245	124,654	16,392	21,812
1972.....	8,944	93,455	2,986	22,903	1979 <sup>2</sup> .....	44,571	93,253	321	77,823
1973.....	13,592	103,521	1,252	48,822	1980 <sup>2</sup> .....	57,451	135,945	2	68,907
1974.....	19,234	105,284	25	54,227	1981 <sup>2</sup> .....	95,019	97,654	617	56,733
1975.....	21,750	109,425	296	64,873	1982 <sup>2</sup> .....	127,711	129,340	5,298	58,010
1976 <sup>2</sup> .....	30,409	89,631	11,923	37,039	1983 <sup>2</sup> .....	145,649	111,164	2,737	56,494

<sup>1</sup> Raisins converted to sweatbox or production basis by multiplying by 1.08.<sup>2</sup> Year beginning October for both grapes and raisins. Prior to 1976, year beginning for grapes; September for raisins.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 297.—Nectarines: Production, utilization, and value, California, 1970-84

Crop of—	Production	Utilization		Price per ton <sup>2</sup>	Value
		Fresh <sup>1</sup>	Processed (fresh basis)		
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	66,500	65,300	1,200	152.00	10,108
1971.....	70,000	69,100	900	155.00	10,850
1972.....	87,000	86,400	600	177.00	15,399
1973.....	86,500	85,600	900	255.00	22,058
1974.....	117,000	115,600	1,400	228.00	26,676
1975.....	111,000	110,000	1,000	275.00	30,525
1976.....	128,000	127,500	500	245.00	31,360
1977.....	155,000	155,000	.....	205.00	31,775
1978.....	148,000	144,700	3,300	307.00	45,436
1979.....	172,000	171,000	1,000	197.00	33,884
1980.....	191,000	190,500	500	231.00	44,045
1981.....	182,000	181,500	500	229.00	41,610
1982.....	178,000	175,900	2,100	249.00	44,254
1983.....	185,000	183,800	1,200	300.00	55,538
1984 <sup>3</sup> .....	183,000	182,800	200	228.00	41,692

<sup>1</sup> Includes "Home use."<sup>2</sup> Processing fruit prices are equivalent returns at processing plant door.<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 298.—Olives: Production, value, and utilization, California, 1970-84

Year	Production <sup>1</sup>	Season average price per ton <sup>2</sup>	Value	Utilization		
				Crushed for oil <sup>3</sup>	Canned	Other <sup>4</sup>
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1970.....	52,000	247.00	12,844	4,100	39,200	8,700
1971.....	55,000	148.00	8,140	4,900	39,600	10,500
1972.....	24,200	415.00	10,043	700	20,000	3,500
1973.....	70,000	392.00	27,440	4,300	54,300	11,400
1974.....	58,500	434.00	25,389	3,100	46,700	8,700
1975.....	67,000	336.00	22,512	3,800	53,300	9,900
1976.....	80,000	330.00	26,400	3,700	65,500	10,800
1977.....	43,000	403.00	17,329	2,300	32,300	8,400
1978.....	126,000	303.00	38,178	7,300	99,100	19,600
1979.....	62,000	408.00	25,296	1,600	52,300	8,100
1980.....	109,000	368.00	40,137	3,500	76,800	28,700
1981.....	44,900	695.00	31,222	2,000	37,900	5,000
1982.....	146,500	517.00	75,795	2,500	98,000	46,000
1983.....	61,000	519.00	31,641	600	48,000	12,400
1984 <sup>5</sup> .....	91,700	527.00	48,315	2,700	76,500	12,500

<sup>1</sup> Production is the quantity sold or utilized.<sup>2</sup> Quantities processed are priced at the equivalent processing plant door level.<sup>3</sup> About 40 gallons of oil are obtained from 1 ton of olives.<sup>4</sup> Includes Spanish, Greek, and Sicilian styles, halved and chopped, minced, brined, other cures, and a small amount shipped fresh.<sup>5</sup> Preliminary.

Statistical Reporting Service.

Table 299.—Olives and olive oil: Foreign trade, United States, 1970-83

Year beginning July	Imports				Year beginning July	Imports			
	Olives		Olive oil			Olives		Olive oil	
	In brine	Dried	Edible	Inedible		In brine	Dried	Edible	Inedible
	<i>1,000 gallons</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 gallons</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1970 .....	16,328	1,774	64,349	250	1977 <sup>1</sup> .....	17,809	1,063	59,456	142
1971 .....	16,499	1,363	67,577	334	1978 <sup>1</sup> .....	13,293	1,190	61,977	143
1972 .....	17,440	1,181	57,703	261	1979 <sup>1</sup> .....	14,507	1,294	( <sup>2</sup> )	( <sup>2</sup> )
1973 .....	16,738	1,518	52,923	250	1980 <sup>1</sup> .....	15,322	1,490	( <sup>2</sup> )	( <sup>2</sup> )
1974 .....	14,079	1,173	48,427	200	1981 <sup>1</sup> .....	17,129	1,437	( <sup>2</sup> )	( <sup>2</sup> )
1975 .....	15,323	643	59,232	129	1982 <sup>1</sup> .....	17,474	1,312	( <sup>2</sup> )	( <sup>2</sup> )
1976 <sup>1</sup> .....	15,481	1,465	56,288	189	1983 <sup>1</sup> .....	<sup>3</sup> 97,790	1,129	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> Year beginning October.<sup>2</sup> Not available.<sup>3</sup> Beginning 1983, olive reported units are in thousands pounds.

Economic Research Service and Foreign Agricultural Service. Compiled from the reports of the U.S. Department of Commerce.

Table 300.—Peaches: Production and value, United States, 1970-84

Year	Total production	Utilized production	Season average price <sup>1</sup>	Value	Year	Total production	Utilized production	Season average price <sup>1</sup>	Value
	Million pounds	Million pounds	Cents per pound	1,000 dollars		Million pounds	Million pounds	Cents per pound	1,000 dollars
1970.....	2,995.8	2,786.3	6.04	168,315	1978.....	2,652.7	2,515.7	12.0	301,143
1971.....	2,882.6	2,742.3	6.07	166,587	1979.....	2,938.7	2,834.2	11.6	329,536
1972.....	2,371.5	2,249.5	6.9	155,286	1980.....	3,068.6	2,954.1	12.4	367,170
1973.....	2,590.9	2,412.7	8.3	199,060	1981.....	2,770.6	2,639.8	13.3	351,610
1974.....	2,917.2	2,756.3	9.5	260,822	1982.....	2,285.6	2,101.9	14.4	302,550
1975.....	2,835.6	2,645.6	10.4	274,958	1983.....	1,855.3	1,753.8	14.8	259,801
1976.....	3,018.3	2,641.7	9.6	253,613	1984 <sup>2</sup> .....	2,643.8	2,452.4	13.0	318,862
1977.....	2,955.4	2,825.7	9.8	277,789					

<sup>1</sup> Fresh fruit prices are equivalent packinghouse-door returns for Western States except equivalent returns for bulk fruit at the first delivery point for California Clingstone, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 301.—Peaches: Foreign trade, United States, 1970-83

Year beginning July	Domestic exports					
	Fresh	Dried <sup>1</sup>	Canned	Canned in fruit salad <sup>2</sup>	Dried, in fruit salad <sup>3</sup>	Total, in terms of fresh <sup>4</sup>
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1970.....	17,606	1,966	76,273	15,778	323	122,373
1971.....	22,547	138	54,269	14,218	347	93,729
1972.....	24,869	241	50,510	17,904	332	96,466
1973.....	26,078	178	58,031	20,997	323	107,889
1974.....	22,693	303	44,467	15,132	368	86,019
1975.....	28,454	204	43,827	14,542	387	90,106
1976 <sup>5</sup> .....	27,620	517	53,565	16,527	340	102,473
1977 <sup>5</sup> .....	29,511	( <sup>6</sup> )	82,253	17,254	390	131,185
1978 <sup>5</sup> .....	30,017	( <sup>6</sup> )	55,590	17,039	294	104,279
1979 <sup>5</sup> .....	28,045	( <sup>6</sup> )	59,167	21,863	503	111,869
1980 <sup>5</sup> .....	35,751	( <sup>6</sup> )	59,340	21,826	565	120,056
1981 <sup>5</sup> .....	30,840	( <sup>6</sup> )	36,216	16,653	415	86,015
1982 <sup>5</sup> .....	25,481	( <sup>6</sup> )	33,170	13,813	359	74,456
1983 <sup>5</sup> .....	23,218	( <sup>6</sup> )	12,256	8,407	464	38,054

See footnotes on page 213.

Table 302.—Peaches: Production and season average price per pound, 1982-84

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Ala.....	15.0	14.0	22.0	15.0	14.0	22.0	23.8	19.6	14.4
Ark.....	18.0	21.0	23.0	16.0	20.0	21.0	15.8	18.5	16.9
Calif.:									
Freestone.....	415.0	435.0	445.0	415.0	435.0	445.0	10.6	11.3	9.9
Colo.....	11.0	10.0	8.5	11.0	9.5	8.5	26.3	23.1	25.4
Conn.....	2.4	2.6	2.7	2.4	2.6	2.7	45.0	46.0	40.0
Del.....	1.7	2.0	2.0	1.7	2.0	1.6	21.5	20.1	22.0
Ga.....	120.0	100.0	150.0	110.0	92.0	134.0	20.4	25.1	14.8
Idaho.....	7.0	11.0	7.5	6.5	10.0	7.5	23.2	17.9	17.2
Ill.....	(*)	13.0	16.0	(*)	13.0	16.0	(*)	26.9	22.4
Ind.....	(*)	5.5	.7	(*)	5.5	.7	(*)	31.4	34.2
Kans.....	1.8	5.0	2.5	1.6	4.0	2.5	21.9	29.2	32.0
Ky.....	(*)	6.0	3.0	(*)	6.0	3.0	(*)	31.0	24.0
La.....	5.0	6.0	7.0	5.0	6.0	7.0	32.0	37.0	35.0
Md.....	17.0	22.0	19.0	17.0	22.0	18.0	22.6	19.5	19.3
Mass.....	1.5	1.7	1.9	1.5	1.7	1.9	45.0	46.0	40.0
Mich.....	50.0	35.0	45.0	50.0	35.0	45.0	20.9	21.5	17.1
Miss.....	4.0	4.0	5.0	4.0	4.0	5.0	26.3	24.4	24.0
Mo.....	4.5	12.0	15.0	4.5	12.0	13.0	29.0	22.0	17.0
N.J.....	80.0	105.0	50.0	80.0	100.0	50.0	27.6	25.4	28.6
N.Y.....	14.5	17.0	11.0	14.5	17.0	11.0	27.1	23.2	27.4
N.C.....	2.0	12.0	43.0	2.0	12.0	35.0	13.4	26.2	13.7
Ohio.....	.7	7.0	(*)	.7	7.0	(*)	32.0	28.0	(*)
Okla.....	7.5	7.5	9.0	7.5	7.5	9.0	26.4	23.4	24.0
Oreg.....	13.0	14.0	14.0	13.0	12.0	13.0	29.0	23.0	28.5
Pa.....	90.0	94.0	85.0	90.0	94.0	85.0	21.4	16.8	19.3
S.C.....	210.0	95.0	480.0	200.0	80.0	400.0	23.2	20.1	13.4
Tenn.....	1.5	4.0	10.0	1.5	4.0	9.0	25.0	22.0	21.0
Tex.....	16.0	27.0	23.0	14.0	23.0	21.0	30.0	28.0	26.0
Utah.....	3.5	12.0	12.0	3.5	12.0	12.0	25.1	15.0	15.0
Va.....	27.0	24.0	34.0	27.0	24.0	32.0	18.2	18.0	14.2
Wash.....	27.0	29.0	38.0	27.0	29.0	38.0	22.3	21.5	24.3
W. Va.....	17.0	19.0	17.0	17.0	19.0	17.0	23.3	13.8	17.1
Total above.....	1,183.6	1,172.3	1,601.8	1,158.9	1,134.8	1,486.4	18.6	18.0	15.0
Calif.:									
Clingstone <sup>3</sup> .....	1,102.0	683.0	1,042.0	943.0	619.0	966.0	9.2	9.0	10.0
U.S.....	2,285.6	1,855.3	2,643.8	2,101.9	1,753.8	2,452.4	14.4	14.8	13.0

<sup>1</sup> Preliminary. <sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for Western States except equivalent returns for bulk fruit at the first delivery point for California Clingstone, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. <sup>3</sup> Mainly for canning. Total production includes culls and cannery diversions not utilized as follows (million pounds): 159.0 in 1982, 64.0 in 1983, and 76.0 in 1984. <sup>4</sup> No significant commercial production due to frost.

Statistical Reporting Service.

Table 303.—Peaches and nectarines, fresh: Production in specified countries, 1982-84

Continent and country	1982	1983	1984 <sup>1</sup>	Continent and country	1982	1983	1984 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Africa:			
Canada.....	34.3	38.8	31.5	South Africa.....	147.7	146.7	146.5
United States.....	1,198.2	1,009.4	1,365.2	Total.....	147.7	146.7	146.5
Mexico.....	229.9	187.7	233.5				
Total.....	1,462.4	1,235.9	1,630.2	Asia:			
South America:				Japan.....	227.5	236.9	230.7
Argentina.....	182.0	256.0	241.0	Total.....	227.5	236.9	230.7
Chile.....	104.0	130.0	135.0				
Total.....	286.0	386.0	376.0	Oceania:			
Europe:				Australia.....	69.5	68.4	62.2
France.....	413.6	475.9	452.5	New Zealand.....	30.0	23.6	24.0
Germany, Fed. Rep. of..	34.1	27.6	31.4	Total.....	99.5	92.0	86.2
Greece.....	476.0	484.0	520.0				
Italy.....	1,569.3	1,615.7	1,632.0	Total specified			
Spain.....	462.0	492.0	529.0	countries.....	5,274.8	5,294.3	5,726.5
Yugoslavia.....	96.7	101.6	92.0				
Total.....	3,051.7	3,196.8	3,256.9				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.



Table 304.—Peaches: Production and utilization, United States, 1970-84

Crop of—	Total production <sup>1</sup>	Utilized production	Utilization of quantities sold				
			Fresh <sup>2</sup>	Processed (fresh basis)			
				Canned	Dried	Frozen	Other <sup>3</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1970.....	2,995.8	2,786.3	1,181.5	1,476.6	36.4	73.7	18.1
1971.....	2,882.6	2,742.3	1,201.0	1,397.1	29.8	86.3	28.1
1972.....	2,371.5	2,249.5	844.9	1,268.8	24.0	65.3	46.5
1973.....	2,590.9	2,412.7	935.2	1,325.4	24.0	104.9	23.2
1974.....	2,917.2	2,756.3	952.0	1,650.6	29.0	78.1	46.6
1975.....	2,835.6	2,645.6	1,099.6	1,432.0	38.0	52.7	23.3
1976.....	3,018.3	2,641.7	1,151.2	1,326.3	30.0	109.8	24.4
1977.....	2,955.4	2,825.7	1,144.0	1,504.7	42.0	109.8	25.2
1978.....	2,652.7	2,515.8	1,135.8	1,230.8	35.0	69.8	44.3
1979.....	2,938.7	2,834.2	1,250.5	1,427.6	33.0	93.5	28.6
1980.....	3,068.6	2,954.1	1,324.1	1,498.3	34.0	77.1	26.6
1981.....	2,770.6	2,639.8	1,331.0	1,173.7	34.8	78.3	22.0
1982.....	2,285.6	2,101.9	976.9	983.9	45.0	70.5	25.6
1983.....	1,855.3	1,753.8	967.1	675.4	36.0	64.3	11.0
1984 <sup>4</sup> .....	2,643.8	2,452.4	1,283.4	1,028.5	28.0	77.0	35.5

<sup>1</sup> Includes culls and cannery diversions for California Clingstone peaches (tons): 1970—98,000; 1971—61,000; 1972—60,000; 1973—81,000; 1974—76,000; 1975—81,000; 1976—77,000; 1977—57,500; 1978—60,000; 1979—45,000; 1980—56,500; 1981—48,000; 1982—79,500; 1983—None. <sup>2</sup> Includes "Home use." <sup>3</sup> Used for jams, preserves, brandy, etc. Includes small quantities frozen for some years. <sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 305.—Peaches: Production and utilization, by States, crop of 1984 (preliminary)

State	Total production	Utilized production	Utilization				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Frozen	Other <sup>2</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Calif., all <sup>3</sup> .....	1,487.0	1,411.0	313.0	988.0	28.0	68.0	.....
Clingstone <sup>3</sup> .....	1,042.0	966.0	.....	952.0	.....	.....	.....
Freestone.....	445.0	445.0	313.0	36.0	28.0	68.0	.....
Ga.....	150.0	134.0	.....	.....	.....	.....	.....
N.J.....	50.0	50.0	.....	.....	.....	.....	.....
Pa.....	85.0	85.0	78.5	6.1	.....	.4	.....
S.C.....	480.0	400.0	369.0	.....	.....	.....	.....
Wash.....	38.0	38.0	.....	.....	.....	.....	.....
Other States <sup>4</sup> .....	353.8	334.0	522.9	34.4	.....	8.6	35.5
U.S.....	2,643.8	2,452.4	1,283.4	1,028.5	28.0	77.0	35.5

<sup>1</sup> Includes "Home use." <sup>2</sup> Used for jams, preserves, brandy, etc. <sup>3</sup> Difference between total and utilized production is culls and cannery diversions. <sup>4</sup> Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. totals. <sup>5</sup> Alabama, Arkansas, Colorado, Connecticut, Delaware, Idaho, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Mississippi, Missouri, New York, North Carolina, Ohio, Oklahoma, Oregon, Tennessee, Texas, Utah, Virginia, and West Virginia.

Statistical Reporting Service.

**Table 306.—Peaches, canned: United States exports by country of destination, 1981/82-83/84**

Country of destination	Year beginning June			Country of destination	Year beginning June		
	1981/82	1982/83	1983/84		1981/82	1982/83	1983/84
	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>		<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>
<b>Europe:</b>				<b>Bermuda and Caribbean:</b>			
Austria.....	6		1	Bahamas.....	1	2	1
Belgium and Luxembourg..	27	15	1	Bermuda.....	3	4	3
Denmark.....	4	1	4	Netherlands Antilles.....	7	3	1
Finland.....	26	4	3	Other countries.....	9	4	2
Germany, Fed. Rep. of.....	107	289	34	<b>Total</b> <sup>2</sup> .....	<b>20</b>	<b>13</b>	<b>8</b>
Netherlands.....	15	11	7				
Norway.....	34	32	2	<b>Other countries:</b>			
Sweden.....	49	35	21	Canada.....	752	573	275
Switzerland.....	16	10		Taiwan.....	15	39	37
United Kingdom.....	5	2	1	Hong Kong.....	28	57	19
Other countries.....	3	6		Japan.....	476	470	223
<b>Total</b> <sup>2</sup> .....	<b>292</b>	<b>403</b>	<b>73</b>	Kuwait.....	7	4	9
				Saudi Arabia.....	30	33	46
<b>Latin America:</b>				Singapore.....	25	29	18
Colombia.....	42	73	9	Other countries.....	33	40	29
Panama.....	16	22	19	<b>Total</b> <sup>2</sup> .....	<b>1,366</b>	<b>1,245</b>	<b>662</b>
Venezuela.....	2	3	0				
Other countries.....	<sup>3</sup> 216	3	8	<b>Grand total</b> <sup>2</sup> .....	<b>1,954</b>	<b>1,762</b>	<b>779</b>
<b>Total</b> <sup>2</sup> .....	<b>276</b>	<b>101</b>	<b>36</b>				

<sup>1</sup> Equivalent cases, 45-pound net weight.    <sup>2</sup> Totals may not add due to rounding.    <sup>3</sup> Includes 203,000 cases to Mexico.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 307.—Pears: Production and value, United States 1970-84**

Year	Total production	Utilized production	Season average price <sup>1</sup>	Value	Year	Total production	Utilized production	Season average price <sup>1</sup>	Value
	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>1,000 dollars</i>
1970.....	548,805	538,780	133.00	71,655	1978.....	723,250	723,250	219.00	158,724
1971.....	749,070	707,220	94.50	66,810	1979.....	854,700	854,200	204.00	174,295
1972.....	612,100	608,680	139.00	84,426	1980.....	897,350	896,350	196.00	175,832
1973.....	730,420	725,840	138.00	100,104	1981.....	897,000	893,950	187.00	167,321
1974.....	741,720	740,660	169.00	125,389	1982.....	803,950	802,730	183.00	147,179
1975.....	748,000	741,800	143.00	105,765	1983.....	774,650	774,450	170.00	131,864
1976.....	839,100	819,100	124.00	101,890	1984 <sup>2</sup> .....	709,550	696,750	231.00	160,752
1977.....	781,600	779,500	146.00	113,520					

<sup>1</sup> Fresh fruit prices are equivalent packinghouse-door returns for California, Oregon, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 301

<sup>1</sup> Net processed weight.    <sup>2</sup> Canned peaches are 40 percent of total canned fruit for salad.    <sup>3</sup> Dried peaches are 21 percent of total dried fruit for salad.    <sup>4</sup> Dried fruit converted to unprocessed dry weight by dividing by 1.08. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 6.0 pounds fresh. Canned peaches converted to terms of fresh on basis that 1 pound canned equals about 1 pound fresh.    <sup>5</sup> Year beginning October.    <sup>6</sup> Not available.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 308.—Pears: Production and season average price per ton, by States, 1982-84

Variety and State	Total production			Utilized production			Price <sup>2</sup> for crop—		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
Calif., all.....	321,500	267,700	312,000	321,500	267,700	299,500	150.00	148.00	179.00
Bartlett.....	314,000	259,500	302,000	314,000	259,500	289,500	148.00	142.00	176.00
Other.....	7,500	8,200	10,000	7,500	8,200	10,000	234.00	331.00	253.00
Colo.....	2,700	5,500	4,600	2,700	5,300	4,550	243.00	168.00	223.00
Conn.....	1,550	1,450	1,450	1,550	1,450	1,450	500.00	515.00	500.00
Mich.....	12,000	8,000	11,000	11,000	8,000	11,000	220.00	237.00	219.00
N.Y.....	19,000	19,000	20,000	19,000	19,000	20,000	201.00	271.00	228.00
Oreg., all.....	175,000	188,000	150,000	175,000	188,000	150,000	213.00	175.00	267.00
Bartlett.....	70,000	63,000	44,000	70,000	63,000	44,000	130.00	149.00	217.00
Other.....	105,000	125,000	106,000	105,000	125,000	106,000	268.00	188.00	288.00
Pa.....	4,600	2,700	3,300	4,580	2,700	3,150	310.00	285.00	332.00
Utah.....	2,800	3,500	3,200	2,600	3,500	3,100	257.00	296.00	290.00
Wash., all.....	264,800	278,800	204,000	264,800	278,800	204,000	196.00	176.00	277.00
Bartlett.....	141,300	140,800	101,000	141,300	140,800	101,000	154.00	180.00	218.00
Other.....	123,500	138,000	103,000	123,500	138,000	103,000	245.00	171.00	335.00
U.S.....	803,950	774,650	709,550	802,730	774,450	696,750	183.00	170.00	231.00

<sup>1</sup> Preliminary.

<sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for California, Oregon, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. Statistical Reporting Service.

Table 309.—Pears, fresh (dessert and cooking): Production in specified countries, 1982-84 <sup>1</sup>

Continent and country	1982	1983	1984 <sup>2</sup>	Continent and country	1982	1983	1984 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Europe—Con.			
Canada <sup>3</sup> .....	31	29	31	Spain.....	451	559	484
Mexico.....	47	49	52	Sweden <sup>3</sup> .....	5	5	6
United States <sup>3</sup> .....	729	703	648	Switzerland.....	22	20	21
Total.....	807	781	731	Yugoslavia.....	177	165	146
South America:				Total other Europe.....	720	806	720
Argentina.....	176	155	160	Total Europe.....	3,199	3,249	2,979
Chile.....	50	54	52				
Total.....	226	209	212	Africa:			
Europe:				South Africa.....	140	126	139
Belgium and Luxembourg....	97	102	70	Total.....	140	126	139
Denmark <sup>3</sup> .....	3	4	3				
France.....	429	417	446	Asia:			
Germany, Fed. Rep. of.....	534	380	449	Japan.....	493	503	520
Greece.....	129	146	117	Total.....	493	503	520
Italy.....	1,142	1,219	1,030				
Netherlands.....	105	121	97	Oceania:			
United Kingdom.....	40	54	47	Australia.....	119	113	118
Total EC.....	2,479	2,443	2,259	New Zealand.....	7	9	10
Other Europe:				Total.....	126	122	128
Austria.....	57	49	54	Total specified countries.....	4,991	4,990	4,709
Norway.....	8	8	9				

<sup>1</sup> May include some cider varieties in countries not reporting separately.<sup>2</sup> Preliminary.<sup>3</sup> Commercial crop.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 310.—Pears: Foreign trade, United States, 1970-83

Year beginning July	Imports for consumption, fresh	Domestic exports					
		Fresh <sup>1</sup>	Canned	Dried <sup>1</sup>	Dried, in fruit salad <sup>1 2</sup>	Canned, in fruit salad <sup>3</sup>	Total, in terms of fresh fruit <sup>4</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1970.....	16,990	18,804	6,099	141	256	13,806	41,214
1971.....	7,440	25,539	4,216	171	275	12,440	45,010
1972.....	15,240	24,313	4,655	340	264	15,665	48,445
1973.....	8,382	39,135	5,388	110	298	18,372	65,470
1974.....	8,409	34,618	2,883	98	292	13,240	53,205
1975.....	7,079	33,914	3,567	259	307	12,724	53,777
1976 <sup>5</sup> .....	4,298	27,489	3,348	285	270	14,461	48,800
1977 <sup>5</sup> .....	5,775	35,744	4,320	( <sup>6</sup> )	310	15,097	57,117
1978 <sup>5</sup> .....	6,828	39,085	3,009	( <sup>6</sup> )	234	14,908	58,479
1979 <sup>5</sup> .....	8,054	39,370	2,625	( <sup>6</sup> )	399	19,130	63,643
1980 <sup>5</sup> .....	9,425	49,246	3,003	( <sup>6</sup> )	448	19,098	74,174
1981 <sup>5</sup> .....	9,327	49,512	2,689	( <sup>6</sup> )	329	14,572	68,849
1982 <sup>5</sup> .....	9,896	34,698	2,026	( <sup>6</sup> )	285	12,086	50,611
1983 <sup>5</sup> .....	13,188	35,066	1,108	( <sup>6</sup> )	368	7,356	45,851

<sup>1</sup> Net processed weight.<sup>2</sup> Dried pears are 16½ percent of total dried fruit for salad.<sup>3</sup> Canned pears are 35 percent of total canned fruit for salad.<sup>4</sup> Dried converted to unprocessed dry weight by dividing by 1.03. Unprocessed dry weight converted to terms of fresh on the basis that 1 pound dried equals about 6.5 pounds fresh. Canned converted to terms of fresh on basis that 1 pound of canned equals about 1 pound fresh.<sup>5</sup> Year beginning October.<sup>6</sup> Not available.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 311.—Pears: Production and utilization, United States, 1970-84

Crop of—	Total production	Utilized production	Utilization of quantities sold		
			Fresh <sup>1</sup>	Processed (fresh basis)	
				Canned <sup>2</sup>	Dried
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1970.....	548,805	538,780	197,923	337,357	3,500
1971.....	749,070	707,220	284,787	417,933	4,500
1972.....	612,100	608,680	251,035	352,345	5,300
1973.....	730,420	725,840	307,230	413,710	4,900
1974.....	741,720	740,660	295,960	439,600	5,100
1975.....	748,000	741,800	326,780	( <sup>3</sup> )	( <sup>3</sup> )
1976.....	839,100	819,100	339,230	( <sup>3</sup> )	( <sup>3</sup> )
1977.....	781,600	779,500	298,200	( <sup>3</sup> )	( <sup>3</sup> )
1978.....	723,250	723,250	297,070	( <sup>3</sup> )	( <sup>3</sup> )
1979.....	854,700	854,200	300,100	( <sup>3</sup> )	( <sup>3</sup> )
1980.....	897,350	896,350	345,060	( <sup>3</sup> )	( <sup>3</sup> )
1981.....	897,000	893,950	377,950	( <sup>3</sup> )	( <sup>3</sup> )
1982.....	803,950	802,730	368,130	( <sup>3</sup> )	( <sup>3</sup> )
1983.....	774,650	774,450	384,450	( <sup>3</sup> )	( <sup>3</sup> )
1984 <sup>4</sup> .....	709,550	696,750	324,050	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> Includes "Home use."<sup>2</sup> For some States includes some dried or otherwise processed.<sup>3</sup> Not published to avoid disclosure of individual operation.<sup>4</sup> Preliminary.

Statistical Reporting Service.



Table 312.—Pears: Production and utilization, by States, crop of 1984 (preliminary)

State and variety	Total production	Utilized production	Utilization	
			Fresh <sup>1</sup>	Processed <sup>2</sup>
	Tons	Tons	Tons	Tons
Calif., all .....	312,000	299,500	( <sup>3</sup> )	( <sup>3</sup> )
Bartlett.....	302,000	289,500	66,300	223,200
Other .....	10,000	10,000	( <sup>3</sup> )	( <sup>3</sup> )
Colo.....	4,600	4,550	3,550	1,000
Conn.....	1,450	1,450	( <sup>3</sup> )	( <sup>3</sup> )
Mich.....	11,000	11,000	( <sup>3</sup> )	( <sup>3</sup> )
N.Y.....	20,000	20,000	( <sup>3</sup> )	( <sup>3</sup> )
Oreg., all .....	150,000	150,000	( <sup>3</sup> )	( <sup>3</sup> )
Bartlett.....	44,000	44,000	12,700	31,300
Other .....	106,000	106,000	( <sup>3</sup> )	( <sup>3</sup> )
Pa.....	3,300	3,150	( <sup>3</sup> )	( <sup>3</sup> )
Utah.....	3,200	3,100	3,100	( <sup>3</sup> )
Wash., all .....	204,000	204,000	( <sup>3</sup> )	( <sup>3</sup> )
Bartlett.....	101,000	101,000	24,500	76,500
Other .....	103,000	103,000	( <sup>3</sup> )	( <sup>3</sup> )
U.S.....	709,550	696,750	324,050	372,700

<sup>1</sup> Includes "Home use."<sup>2</sup> Mostly canned, but includes small quantities dried, juiced, and other uses.<sup>3</sup> Data not published to avoid disclosure of individual operations, but included in U.S. totals.

Statistical Reporting Service.

Table 313.—Papayas: Area, yield, production, utilization, price, and value, Hawaii, 1970-84

Year	Area harvested	Yield per acre <sup>1</sup>	Production	Utilization		Price per pound	Value
				Fresh	Processed		
	Acres	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars
1970 .....	1,040	24.0	24,960	23,938	1,022	9.8	2,436
1971 .....	970	21.4	20,725	19,172	1,553	13.2	2,736
1972 .....	985	26.1	25,735	21,959	3,776	13.3	3,423
1973 .....	1,430	23.0	32,824	28,848	3,976	12.7	4,180
1974 .....	1,690	22.0	37,224	34,529	2,695	13.1	4,871
1975 .....	1,840	21.7	39,896	34,952	4,944	14.2	5,668
1976 .....	1,930	25.9	50,037	43,588	6,449	12.3	6,134
1977 .....	2,155	29.5	63,548	53,987	9,561	11.9	7,565
1978 .....	2,190	40.6	<sup>2</sup> 89,000	54,624	9,376	13.0	8,304
1979 .....	2,210	26.7	<sup>2</sup> 59,000	36,446	4,569	23.2	9,513
1980 .....	1,950	37.9	<sup>2</sup> 74,000	45,360	3,556	20.4	9,964
1981 .....	2,110	44.5	<sup>2</sup> 94,000	58,170	8,220	18.7	12,412
1982 .....	2,170	38.7	<sup>2</sup> 84,000	44,770	7,980	21.8	11,484
1983 .....	2,120	36.1	<sup>2</sup> 76,500	46,300	15,100	18.9	11,591
1984 <sup>3</sup> .....	2,590	46.3	<sup>2</sup> 120,000	67,000	13,500	11.4	9,196

<sup>1</sup> Derived from total production.<sup>2</sup> Includes the following quantities of unharvested production and harvested fruit not sold (1,000 pounds units) respectively, 14,000 and 11,000 for 1978, 10,000 and 7,985 for 1979, 14,000 and 11,084 for 1980, 9,000 and 18,610 for 1981, 17,000 and 14,250 for 1982, 12,000 and 3,100 for 1983, and 21,700 and 17,800 for 1984.<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 314.—Plums, California: Production, value, and utilization, 1970-84

Season	Total production	Utilized production	Season average price per ton <sup>1</sup>	Value	Utilization of quantities sold	
					Fresh <sup>2</sup>	Processed
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>
1970.....	123,000	123,000	160.00	19,680	119,300	3,700
1971.....	101,000	101,000	229.00	23,129	98,200	2,800
1972.....	96,000	96,000	248.00	23,808	93,300	2,700
1973.....	97,000	97,000	321.00	31,137	93,800	3,200
1974.....	143,000	143,000	275.00	39,325	140,000	3,000
1975.....	124,000	124,000	279.00	34,596	121,360	2,640
1976.....	115,000	115,000	380.00	43,700	111,900	3,100
1977.....	157,000	157,000	313.00	49,141	156,000	1,000
1978.....	154,000	154,000	370.00	56,980	151,000	3,000
1979.....	175,000	175,000	277.00	48,475	173,000	2,000
1980.....	160,000	160,000	449.00	71,810	157,400	2,600
1981.....	197,500	197,500	309.00	61,062	194,300	3,200
1982.....	118,000	118,000	620.00	73,139	116,600	1,400
1983.....	158,500	158,500	435.00	69,020	155,700	2,800
1984 <sup>3</sup> .....	225,000	225,000	212.00	47,796	221,000	4,000

<sup>1</sup> Fresh fruit prices are equivalent returns at point of first sale. Processing fruit prices are equivalent returns at processing plant door.

<sup>2</sup> Includes "Home use."

<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 315.—Pomegranates: Production, price, and value, California, 1970-84

Year	Total produc- tion	Utilized produc- tion	Price per ton	Value	Year	Total produc- tion	Utilized produc- tion	Price per ton	Value
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	8,000	8,000	125.00	1,000	1978.....	9,500	9,500	233.00	2,214
1971.....	8,500	8,500	131.00	1,114	1979.....	13,000	11,000	324.00	3,564
1972.....	7,100	7,100	124.00	880	1980.....	17,000	16,000	259.00	4,144
1973.....	5,800	5,800	170.00	986	1981.....	16,500	14,800	278.00	4,114
1974.....	8,100	8,100	151.00	1,223	1982.....	16,000	14,400	232.00	3,341
1975.....	8,600	8,600	143.00	1,230	1983.....	20,000	18,900	272.00	5,147
1976.....	9,000	9,000	210.00	1,890	1984 <sup>1</sup> .....	17,000	16,000	203.00	3,254
1977.....	10,000	10,000	143.00	1,430					

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 316.—Prunes and plums:<sup>1</sup> Production, value, and utilization, 4 States, 1970-84

Year	Total- produc- tion	Utilized produc- tion	Season average price per ton	Value	Utilization of quantities sold			
					Fresh <sup>2</sup>	Processed (fresh basis)		
						Dried and other	Canned <sup>3</sup>	Frozen
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1970.....	51,500	48,350	121.00	5,826	28,040	3,950	13,110	3,250
1971.....	88,400	65,000	89.60	5,821	34,280	5,500	23,000	2,220
1972.....	42,400	41,880	173.00	7,228	29,040	2,000	7,460	3,380
1973.....	73,300	66,550	148.00	9,816	29,350	11,050	21,730	4,420
1974.....	71,200	71,200	150.00	10,685	35,350	( <sup>4</sup> )	21,665	( <sup>4</sup> )
1975.....	75,600	71,600	113.00	8,097	34,550	11,000	23,500	2,550
1976.....	77,000	73,500	123.00	9,046	38,150	12,850	29,900	1,600
1977.....	61,000	58,000	158.00	9,175	30,700	11,800	14,200	1,300
1978.....	69,800	69,200	156.00	10,797	40,950	9,050	16,100	3,100
1979.....	59,200	59,200	209.00	12,382	34,100	11,400	11,800	1,900
1980.....	76,600	76,600	179.00	13,741	40,500	6,400	18,500	2,200
1981.....	65,100	62,600	156.00	9,754	32,900	11,300	16,900	1,500
1982.....	51,500	47,500	269.00	12,754	26,550	11,300	8,250	1,400
1983.....	51,200	49,200	199.00	9,778	30,000	8,670	9,430	1,100
1984 <sup>5</sup> .....	49,000	48,500	212.00	10,291	27,400	9,100	11,300	700

<sup>1</sup> Idaho, Michigan, Oregon, and Washington. Mostly prunes; however, estimates include small quantities of plums in all States.

<sup>2</sup> Includes "Home use."

<sup>3</sup> Beginning 1970, some quantities dried or otherwise processed are included in "Frozen" until 1975. Beginning 1975, other uses included in "Dried."

<sup>4</sup> Not published to avoid disclosure of individual operations.

<sup>5</sup> Preliminary.

Statistical Reporting Service.

Table 317.—Prunes and plums (fresh basis): Production and season average price per ton, by States, 1982-84

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Idaho.....	7,000	6,500	7,000	7,000	6,500	7,000	460.00	360.00	320.00
Mich.....	10,000	12,000	12,000	10,000	12,000	12,000	256.00	197.00	276.00
Oreg.....	23,000	18,000	12,000	19,000	16,000	11,500	185.00	169.00	176.00
Wash.....	11,500	14,700	18,000	11,500	14,700	18,000	300.00	161.00	151.00
Total, 4 States.....	51,500	51,200	49,000	47,500	49,200	48,500	269.00	199.00	212.00

<sup>1</sup> Preliminary.

<sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.

Table 318.—Prunes (dried basis), California: Production, price and value, 1970-84 <sup>1</sup>

Season	Production <sup>2</sup>	Season average price per ton <sup>3</sup>	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	200,000	202.00	40,400
1971.....	131,000	287.00	37,597
1972.....	77,000	535.00	41,195
1973.....	205,000	462.00	94,710
1974.....	142,000	440.00	62,480
1975.....	149,000	402.00	59,898
1976.....	148,000	412.00	60,976
1977.....	159,000	499.00	79,341
1978.....	132,000	696.00	91,872
1979.....	136,000	812.00	110,432
1980.....	168,000	683.00	114,744
1981.....	159,500	654.00	104,313
1982.....	126,000	679.00	85,554
1983.....	145,000	667.00	96,715
1984 <sup>4</sup> .....	148,000	695.00	102,860

<sup>1</sup> The drying ratio is approximately 3 pounds of fresh fruit to 1 pound of dried fruit.<sup>2</sup> Production all utilized.<sup>3</sup> Equivalent returns at the processing plant door.<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 319.—Prunes and plums: <sup>1</sup> Utilization and season average price per ton, 1980-84

State and season	Quantity				Price <sup>4</sup>			
	Fresh <sup>2</sup>	Dried and other <sup>3</sup>	Canned	Frozen	Fresh	Dried and other	Canned	Frozen
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Idaho:								
1980.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1981.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1982.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1983.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1984.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Mich.:								
1980.....	5,600	( <sup>5</sup> )	6,900	( <sup>5</sup> )	249.00	( <sup>5</sup> )	175.00	( <sup>5</sup> )
1981.....	7,400	( <sup>5</sup> )	8,000	( <sup>5</sup> )	178.00	( <sup>5</sup> )	108.00	( <sup>5</sup> )
1982.....	5,900	( <sup>5</sup> )	3,500	( <sup>5</sup> )	343.00	( <sup>5</sup> )	132.00	( <sup>5</sup> )
1983.....	5,200	( <sup>5</sup> )	5,700	( <sup>5</sup> )	270.00	( <sup>5</sup> )	127.00	( <sup>5</sup> )
1984.....	5,500	( <sup>5</sup> )	5,700	( <sup>5</sup> )	363.00	( <sup>5</sup> )	203.00	( <sup>5</sup> )
Oreg.:								
1980.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1981.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1982.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1983.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1984.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Wash.:								
1980.....	18,000	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	170.00	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1981.....	11,200	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	133.00	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1982.....	10,050	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	340.00	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1983.....	12,100	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	189.00	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1984.....	11,400	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	189.00	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Total 4 States:								
1980.....	40,500	6,400	18,500	2,200	196.00	134.00	146.00	90.00
1981.....	32,900	11,300	16,900	1,500	167.00	163.00	99.30	93.30
1982.....	26,550	11,300	8,250	1,400	362.00	158.00	103.00	91.50
1983.....	30,000	8,670	9,430	1,100	257.00	95.00	118.00	129.00
1984.....	27,400	9,100	11,300	700	267.00	70.00	196.00	220.00

<sup>1</sup> Michigan, Idaho, Washington, and Oregon. Mostly prunes; however, estimates include small quantities of plums in all States.<sup>2</sup> Includes "Home use."<sup>3</sup> Some quantities otherwise processed are included to avoid disclosure of individual operations.<sup>4</sup> Prices for fresh sales are average prices as sold for Idaho and Michigan; equivalent packinghouse door returns for Oregon and Washington. Quantities processed are priced at the equivalent processing plant door level.<sup>5</sup> Not published to avoid disclosure of individual operations, but is included in total.

Statistical Reporting Service.



Table 320.—Prunes and plums, fresh: Production in specified countries, 1982-84

Continent and country	1982	1983	1984 <sup>1</sup>	Continent and country	1982	1983	1984 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric ton</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric ton</i>	<i>1,000 metric tons</i>
North America:				Spain .....	98.0	141.0	135.0
Canada .....	6.9	6.2	6.7	Yugoslavia .....	1,028.0	991.0	644.0
United States .....	519.6	611.2	629.6	Total .....	2,193.2	1,873.2	1,637.6
Total .....	526.5	617.4	636.3	Oceania:			
South America:				Australia .....	16.4	20.6	19.0
Argentina .....	68.8	47.5	52.9	New Zealand .....	4.2	4.1	4.2
Chile .....	17.0	22.0	25.0	Total .....	20.6	24.7	23.2
Total .....	85.8	69.5	77.9	Africa:			
Europe:				South Africa .....	14.6	16.8	15.2
France .....	211.9	176.6	212.4	Total .....	14.6	16.8	15.2
Germany, Fed. Rep. of .....	655.0	379.4	488.2	Total specified countries .....	2,840.7	2,601.6	2,390.2
Greece .....	9.7	10.0	10.0				
Italy .....	190.6	175.2	148.0				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 321.—Prunes, dried: United States exports by country of destination, 1981/82-83/84

Country of destination	Year beginning September			Country of destination	Year beginning September		
	1981/82	1982/83	1983/84		1981/82	1982/83	1983/84
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Bermuda and Caribbean:			
Austria .....	558	412	394	Bermuda .....	13	2	5
Belgium and Luxembourg .....	1,079	705	719	Dominican Republic .....	85	34	79
Denmark .....	2,208	1,050	1,506	Haiti .....	5	10	12
Finland .....	2,621	2,043	2,779	Netherlands Antilles .....	98	66	89
France .....	4,632	1,782	4,601	Trinidad and Tobago .....	314	271	308
Germany, Fed. Rep. of .....	6,775	3,783	5,176	Other countries .....	33	39	30
Iceland .....	56	46	22	Total .....	548	422	523
Ireland .....	104	78	37	Other countries:			
Italy .....	8,458	6,211	6,742	Australia .....	467	494	630
Netherlands .....	1,230	1,887	2,500	Canada .....	3,257	3,265	2,792
Norway .....	1,659	1,691	1,602	Canary Islands .....	1	34	8
Spain .....	1,759	1,994	2,620	Hong Kong .....	175	168	361
Sweden .....	2,577	2,577	2,950	Israel .....	24	1	231
Switzerland .....	717	762	610	Japan .....	6,717	11,221	9,593
United Kingdom .....	3,507	4,218	3,063	Malaysia .....	472	342	410
Other countries .....	197	<sup>1</sup> 1,862	365	New Zealand .....	582	481	401
Total .....	38,137	37,101	35,686	Singapore .....	683	505	739
Latin America:				South Africa .....	995	487	415
Brazil .....	148	26	36	Taiwan .....	479	511	522
Colombia .....	374	303	204	Other countries .....	1,866	492	307
Costa Rica .....	2	2	4	Total .....	15,718	18,001	16,409
Guatemala .....	51	52	1	Grand total .....	58,040	51,239	54,038
Mexico .....	38	55	44				
Panama .....	1,910	417	515				
Venezuela .....	74	97	86				
Other countries .....	1,018	738	520				
Total .....	27	25	10				
Total .....	3,637	1,715	1,420				

<sup>1</sup> Includes 1,497 tons to Soviet Union.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 322.—Prunes: Foreign trade, United States, 1970-83

Year beginning July	Imports				Domestic exports			
	Fresh prunes and plums	Other-wise prepared or pre-served	Dried prunes <sup>1</sup>	Total, in terms of fresh <sup>2</sup>	Fresh prunes and plums	Dried prunes <sup>1</sup>	Dried, in fruit salad <sup>1 3</sup>	Total, in terms of fresh <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1970 .....	1,366	595	842	4,087	10,787	38,259	661	111,829
1971 .....	852	741	921	3,909	13,362	38,337	709	114,731
1972 .....	288	986	4,378	12,540	15,165	33,306	680	103,398
1973 .....	738	902	542	2,956	16,170	53,357	767	156,684
1974 .....	720	806	30	1,523	16,755	36,201	754	112,696
1975 .....	1,379	946	270	2,930	19,865	63,715	792	187,335
1976 <sup>4</sup> .....	819	885	498	2,908	21,482	47,910	696	147,671
1977 <sup>4</sup> .....	1,479	771	263	2,855	23,400	52,648	799	162,157
1978 <sup>4</sup> .....	1,390	806	359	3,047	20,175	43,260	603	134,050
1979 <sup>4</sup> .....	835	803	267	2,251	21,236	43,983	1,030	138,097
1980 <sup>4</sup> .....	1,526	760	58	2,380	25,813	56,440	1,156	175,341
1981 <sup>4</sup> .....	1,657	784	86	2,536	21,562	59,061	849	177,098
1982 <sup>4</sup> .....	3,801	843	459	5,750	19,607	49,573	735	150,214
1983 <sup>4</sup> .....	6,060	1,106	636	8,705	25,897	52,731	949	165,259

<sup>1</sup> Net processed weight.<sup>2</sup> Exports and imports of dried prunes converted to unprocessed dry weight by dividing by 1.04. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 2.7 pounds fresh. <sup>3</sup> Otherwise prepared or preserved converted to terms of fresh fruit on the basis that 1 pound equals 0.899 pound fresh.<sup>4</sup> Dried prunes in salad estimated at 43 percent of total dried fruit for salad.<sup>4</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 323.—Strawberries, commercial crop: Production and value per hundredweight, by States, 1982-84

Utilization, season, and State	Production			Value per unit		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
<b>FOR FRESH MARKET <sup>2</sup></b>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter:						
Fla.....	975	1,026	867	53.70	51.20	44.80
Total .....	975	1,026	867	53.70	51.20	44.80
Spring:						
Ark.....	20	15	17	42.00	41.00	43.50
Calif.....	4,100	4,107	5,908	55.70	53.20	49.10
La.....	39	42	37	53.00	56.10	54.00
Mich.....	173	115	146	55.00	55.00	41.40
N.J.....	49	50	50	52.30	51.10	59.30
N.Y.....	126	135	153	53.10	46.30	54.70
N.C.....	55	55	48	45.00	34.00	41.80
Ohio.....	125	95	77	52.00	59.00	59.00
Oreg.....	45	48	47	54.00	55.00	54.00
Pa.....	76	72	51	77.00	80.70	81.30
Wash.....	52	37	22	47.00	51.00	50.00
Wis.....	61	57	59	53.00	55.00	53.00
Total .....	4,921	4,828	6,615	55.50	53.30	49.50
U.S. ....	5,896	5,854	7,482	55.20	53.00	49.00
<b>PROCESSING</b>						
Spring:						
Calif.....	2,222	2,133	1,636	30.90	28.50	17.60
Mich.....	43	47	43	45.60	44.40	24.00
Oreg.....	535	746	560	43.00	38.00	22.50
Wash.....	134	155	188	42.00	38.00	23.00
U.S. ....	2,934	3,081	2,427	33.80	31.50	19.30

<sup>1</sup> Preliminary.<sup>2</sup> Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared.

Statistical Reporting Service.

Table 324.—Strawberries, commercial crop: Area, yield, production, value per unit, and total value, United States 1970-84

Year	Fresh market and processing					Fresh market <sup>3</sup>			Processing		
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Production of value	Value <sup>2</sup>		Production of value	Value <sup>2</sup>	
				Per unit	Total		Per unit	Total		Per unit	Total
	Acres	Cwt.	1,000 cwt.	Dollars per cwt.	1,000 dollars	1,000 cwt.	Dollars per cwt.	1,000 dollars	1,000 cwt.	Dollars per cwt.	1,000 dollars
1970.....	50,400	98	4,960	21.50	106,467	3,164	24.80	78,533	1,796	15.60	27,934
1971.....	47,780	109	5,207	22.50	116,975	3,404	25.40	86,394	1,803	14.50	26,081
1972.....	43,410	106	4,602	24.00	110,262	3,211	27.10	86,948	1,391	16.80	23,314
1973.....	40,610	118	4,796	27.60	132,186	3,164	31.00	97,934	1,632	21.00	34,252
1974.....	39,260	137	5,388	28.80	155,122	3,706	32.50	120,288	1,682	20.70	34,834
1975.....	39,590	139	5,506	30.60	168,352	3,774	35.50	133,917	1,732	19.90	34,435
1976.....	34,450	169	5,807	32.90	191,022	3,695	37.70	139,268	2,112	24.50	51,754
1977.....	35,650	186	6,619	33.20	219,958	4,298	39.10	167,949	2,321	22.40	52,009
1978.....	37,600	175	6,592	31.70	209,257	4,779	36.70	175,155	1,813	18.80	34,102
1979.....	36,500	175	6,383	38.70	246,850	4,360	43.40	189,105	2,023	28.50	57,745
1980.....	36,050	195	7,017	41.20	288,776	4,821	47.90	231,115	2,196	26.30	57,661
1981.....	37,000	200	7,416	42.00	311,147	5,375	47.10	253,289	2,041	28.30	57,858
1982.....	40,250	219	8,830	48.10	424,592	5,896	55.20	325,338	2,934	33.80	99,254
1983.....	43,400	206	8,935	45.60	407,188	5,854	53.00	310,072	3,081	31.50	97,116
1984 <sup>4</sup> .....	43,300	229	9,909	41.70	413,251	7,482	49.00	366,501	2,427	19.30	46,750

<sup>1</sup> Excludes the following quantities not harvested and not marketed because of economic conditions (1,000 hundredweight): 100 in 1970, 1 in 1977, 1 in 1978, 28 in 1979, 48 in 1980, 22 in 1981, 11 in 1982, 21 in 1983, and 19 in 1984.

<sup>2</sup> Fresh market price and value on f.o.b. basis. Processing price and value at processing plant door.

<sup>3</sup> Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 325.—Strawberries, commercial crop: Area, production, value per hundredweight, by States, 1982-84 <sup>1</sup>

Season and State	Area			Production			Value per unit		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
Winter:									
Fla.....	5,000	5,400	5,100	975	1,026	867	53.70	51.20	44.80
Total.....	5,000	5,400	5,100	975	1,026	867	53.70	51.20	44.80
Spring:									
Ark.....	300	300	300	20	15	17	42.00	41.00	43.50
Calif.....	11,600	13,000	14,100	6,322	6,240	7,544	47.00	44.80	42.30
La.....	650	600	600	39	42	37	53.00	56.10	54.00
Mich.....	2,700	2,700	2,700	216	162	189	53.10	51.90	37.40
N.J.....	1,000	1,000	1,000	49	50	50	52.30	51.10	59.30
N.Y.....	2,800	3,000	3,000	126	135	153	53.10	46.30	54.70
N.C. <sup>3</sup> .....	2,100	2,200	2,100	55	55	48	45.00	34.00	41.80
Ohio.....	1,900	1,900	1,600	125	95	77	52.00	59.00	59.00
Oreg. <sup>3</sup> .....	5,800	6,900	6,600	580	794	607	43.90	39.00	24.90
Pa.....	1,800	1,800	1,700	76	72	51	77.00	80.70	81.30
Wash.....	3,000	3,100	3,000	186	192	210	43.40	40.50	25.80
Wis. <sup>3</sup> .....	1,600	1,500	1,500	61	57	59	53.00	55.00	53.00
Total.....	35,250	38,000	38,200	7,855	7,909	9,042	47.40	44.80	41.40
U.S.....	40,250	43,400	43,300	8,880	8,935	9,909	48.10	45.60	41.70

<sup>1</sup> Includes quantities used for fresh market and processing.

<sup>2</sup> Preliminary.

<sup>3</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1982—North Carolina, 9, and Wisconsin, 2; 1983—North Carolina, 10, Wisconsin, 11; 1984—North Carolina, 8, and Wisconsin, 11.

Statistical Reporting Service.

Table 326.—Fruits: Arrivals at 4 markets, by commodities, 1984 <sup>1</sup>

Commodity	Baltimore <sup>2</sup>			Boston			New York <sup>4</sup>			Philadelphia		
	Rail, boat, and air	Motor- truck <sup>3</sup>	Total	Rail, boat, and air	Motor- truck <sup>3</sup>	Total	Rail, boat, and air	Motor- truck <sup>3</sup>	Total	Rail, boat, and air	Motor- truck <sup>3</sup>	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
<b>Citrus:</b>												
Grapefruit.....	32	221	253	167	315	482	185	642	1,127	51	255	306
Lemons.....	21	68	89	64	60	124	332	212	544	93	87	180
Limes.....		18	18		39	39		57	57		17	17
Mixed citrus.....	22		65		65	65	273		273	74		74
Oranges.....	106	291	397	792	308	1,100	1,418	798	2,216	478	298	776
Tangelos.....		30	31		25	25	9	52	61	1	42	43
Tangerines.....	1	20	20	2	55	57	7	105	112	3	30	33
Temple.....		13	13		9	9		24	24		12	12
Citrus, other <sup>5</sup> .....		4	4		13	13	2	2	4	1	8	9
<b>Total.....</b>	<b>182</b>	<b>665</b>	<b>847</b>	<b>1,090</b>	<b>824</b>	<b>1,914</b>	<b>2,531</b>	<b>1,892</b>	<b>4,423</b>	<b>701</b>	<b>749</b>	<b>1,450</b>
<b>Non-citrus:</b>												
Apples.....	50	313	363	144	560	704	626	912	1,538	148	468	616
Apricots.....		1	1		2	2	2	17	19		4	4
Avocados.....		36	36		44	44		165	165		18	18
Bananas.....	8	493	501	4	763	767	5,310	393	5,703	1	426	427
Blueberries.....		10	10		39	39		62	62		19	19
Cherries.....		21	21	3	44	47	11	76	87	3	31	34
Cranberries.....		1	1		5	5					2	2
Grapes, table.....	7	237	244	235	285	520	477	487	964	115	215	330
Grapes, juice.....	2		2	42		42	69	1	70	2	8	10
Kiwifruit.....		3	3		4	4	1	3	4			
Mangoes.....		5	5	2	11	13	19	90	109		8	8
Mixed deciduous.....	4		4	46		46	15		15	6		6
Nectarines.....	2	47	49	31	62	93	127	144	271	19	66	85
Papaya.....				2		2	4	5	9			
Peaches.....		75	75	5	247	252	23	513	536	8	145	153
Pears.....	18	84	102	117	143	260	363	288	651	100	147	247
Persimmons.....				1	1	1		1	1			
Pineapples.....	17	5	22	20	53	73	66	33	99	5	22	27
Plantains.....					11	11	50		50		20	20
Plums-prunes.....	2	72	74	58	80	138	170	262	432	26	77	103
Pomegranates.....		2	2		4	4		2	2		4	4
Strawberries.....	4	96	100	10	182	192	17	412	429	7	116	123
Fruits, other <sup>5</sup> .....				1	1	2	9	2	11		1	1
<b>Total.....</b>	<b>114</b>	<b>1,501</b>	<b>1,615</b>	<b>720</b>	<b>2,541</b>	<b>3,261</b>	<b>7,359</b>	<b>3,868</b>	<b>11,227</b>	<b>440</b>	<b>1,797</b>	<b>2,237</b>
<b>Grand total...</b>	<b>296</b>	<b>2,166</b>	<b>2,462</b>	<b>1,810</b>	<b>3,365</b>	<b>5,175</b>	<b>9,890</b>	<b>5,760</b>	<b>15,650</b>	<b>1,141</b>	<b>2,546</b>	<b>3,687</b>

<sup>1</sup> Use of car/carlot equivalents for reporting unloads of fresh fruits was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-77 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 369. The term "unloads" was discontinued in favor of the term "arrivals" at the close of calendar year 1981.

<sup>2</sup> Includes Washington.

<sup>3</sup> Estimated percentages of completeness for reported truck arrivals for 1984 are as follows: Baltimore 85, Boston 90, New York 90, and Philadelphia 90; Atlanta and Los Angeles, 85; Chicago, 90; and Boston 90-95.

<sup>4</sup> Includes Newark.

<sup>5</sup> Not otherwise specified.

Agricultural Marketing Service.



Table 327.—Fruits, fresh: Arrivals at 4 markets, by commodities, 1984 <sup>1</sup>

Commodity	Atlanta			Chicago			Los Angeles			San Francisco <sup>3</sup>		
	Rail, boat, and air	Motor truck <sup>2</sup>	Total	Rail, boat, and air	Motor truck <sup>2</sup>	Total	Rail, boat, and air	Motor truck <sup>2</sup>	Total	Rail, boat, and air	Motor truck <sup>2</sup>	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
<b>Citrus:</b>												
Grapefruit.....		126	126	81	238	319		450	450		290	290
Lemons.....		80	80	286	102	388		297	297		143	143
Limes.....		23	23	4	32	36		193	193		53	53
Mixed citrus.....				125		125						
Oranges.....		289	289	2,389	474	2,863		1,581	1,581		810	810
Tangelos.....		27	27		28	28		52	52		44	44
Tangerines.....		25	25	43	43	86		85	85		83	83
Templets.....		6	6		5	5						
Citrus, other <sup>4</sup> .....		5	5		7	7					26	26
Total.....		581	581	2,928	929	3,857		2,608	2,608		1,449	1,449
<b>Noncitrus:</b>												
Apples.....	21	304	325	595	533	1,128	58	1,880	1,938		1,357	1,357
Apricots.....		1	1	5	5	10	1	28	29		30	30
Avocados.....		16	16	29	32	61		487	487		328	328
Bananas.....		590	590		1,099	1,099	2,724	3	2,727		1,021	1,021
Blueberries.....		7	7		10	10	1	10	11		7	7
Cherries.....		9	9	23	40	63		128	128		53	53
Cranberries.....		3	3		3	3					5	5
Grapes, table.....		177	177	590	307	897	130	586	716		434	434
Grapes, juice.....				13	9	22						
Kiwifruit.....				2		2	5	11	16	5	2	7
Mangoes.....					13	13	1	132	133	2	60	62
Mixed deciduous.....				235		235						
Nectarines.....		20	20	130	60	190	30	208	238		111	111
Papaya.....				2		2	106		106	38		38
Peaches.....		82	82	50	210	260	10	394	404		190	190
Pears.....	3	35	38	199	137	336	4	542	546		264	264
Persimmons.....					1	1		29	29		5	5
Pineapples.....		48	48	44	7	51	110	2	112	299		299
Plantains.....		4	4		13	13		7	7		4	4
Plums-prunes.....		40	40	110	80	190	11	221	232		94	94
Pomegranates.....		1	1		4	4		13	13		7	7
Strawberries.....		97	97	10	149	159	5	284	289		226	226
Fruits, other <sup>4</sup> .....				1	3	4	2	58	60		13	13
Total.....	24	1,434	1,458	2,038	2,715	4,753	3,198	5,023	8,221	344	4,211	4,555
Grand total.....	24	2,015	2,039	4,966	3,644	8,610	3,198	7,631	10,829	344	5,660	6,004

<sup>1</sup> Use of car/carlot equivalents for reporting unloads of fresh fruits was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-77 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 369. The term "unloads" was discontinued in favor of the term "arrivals" at the close of calendar year 1981.

<sup>2</sup> Estimated percentages of completeness for reported truck arrivals for 1984 are as follows: Atlanta 85, Chicago 90, Los Angeles 85, and San Francisco 80.

<sup>3</sup> Includes Oakland.

<sup>4</sup> Not otherwise specified.

Agricultural Marketing Service.

Table 328.—Fruits, fresh: Total reported domestic rail, truck, and air shipments, 1984<sup>1</sup>

Commodity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Citrus:													
Grapefruit.....	1,488	1,859	2,280	1,732	797	255	163	112	119	1,385	1,528	1,854	13,572
Lemons.....	737	686	1,026	744	773	924	702	583	656	659	604	834	8,938
Limes.....	58	58	59	41	80	136	128	129	94	72	85	93	1,033
Mixed citrus.....	59	60	58	23	23	19	13	22	18	7	7	10	319
Oranges.....	4,213	4,389	5,647	4,629	3,516	2,146	1,169	1,136	1,463	1,333	3,309	4,883	37,833
Tangelos.....	123	15	1	.....	.....	.....	.....	.....	.....	76	335	543	1,093
Tangerines.....	112	141	137	30	.....	.....	.....	.....	1	157	194	206	978
Temples.....	243	254	42	1	.....	.....	.....	.....	.....	.....	.....	21	561
Citrus, other <sup>2</sup> .....	.....	.....	.....	.....	.....	.....	.....	.....	28	54	2	.....	84
Total.....	7,033	7,462	9,250	7,200	5,189	3,480	2,175	1,992	2,379	3,743	6,064	8,444	64,411
Non-citrus:													
Apples.....	2,865	2,819	3,382	2,638	2,013	1,709	937	1,080	2,497	3,237	2,993	3,713	29,883
Apricots.....	.....	.....	.....	.....	92	119	32	30	.....	.....	.....	.....	273
Avocados.....	385	398	478	430	425	534	468	518	549	389	370	504	5,448
Blueberries.....	.....	.....	.....	.....	2	101	173	121	10	.....	.....	.....	407
Cranberries.....	.....	.....	.....	.....	.....	.....	.....	.....	15	21	45	38	119
Cherries.....	.....	.....	.....	.....	386	460	582	53	.....	.....	.....	.....	1,482
Grapes, table.....	293	110	76	14	481	1,080	1,631	2,647	1,797	1,387	1,029	896	11,441
Grapes, juice.....	.....	.....	.....	.....	.....	.....	.....	101	1,521	383	4	.....	2,009
Kiwifruit.....	13	8	7	19	36	18	.....	.....	.....	1	.....	.....	12
Mangoes.....	.....	.....	.....	.....	1	47	30	5	.....	.....	.....	.....	83
Mixed deciduos.....	22	16	21	17	48	134	156	100	23	10	14	11	572
Nectarines.....	.....	.....	.....	.....	1	265	928	1,413	948	151	.....	.....	3,706
Papaya.....	44	44	59	62	51	51	50	69	42	51	60	38	621
Peaches.....	.....	.....	.....	.....	7	689	1,716	2,324	1,677	767	56	.....	7,236
Pears.....	556	487	570	497	446	341	370	529	755	801	671	659	6,682
Persimmons.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19	22	5
Pinapples.....	166	187	205	183	202	202	175	159	124	152	142	126	2,023
Plums-fresh prunes.....	.....	.....	.....	.....	342	1,270	1,457	1,203	388	109	19	7	4,795
Pomegranates.....	.....	.....	.....	.....	.....	.....	.....	5	31	54	27	3	120
Strawberries.....	31	320	994	1,536	1,530	754	455	315	155	98	19	38	6,245
Fruits, other <sup>2</sup> .....	13	8	7	19	36	18	.....	.....	.....	1	.....	12	114
Total.....	4,388	4,397	5,799	5,424	7,045	9,482	10,253	9,560	8,825	6,769	5,415	6,062	83,419
Grand total.....	11,421	11,859	15,049	12,624	12,234	12,962	12,428	11,552	11,204	10,512	11,479	11,506	147,830

<sup>1</sup> Use of car/carlot equivalents for reporting shipments of fresh fruit was discontinued at the close of calendar year 1977. Rail and boat shipment totals of specified commodities for 1963-1977 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 370.

<sup>2</sup> Not otherwise specified.

Agricultural Marketing Service. Compiled from daily reports received from rail carriers, inspection service, and shipping points.

Table 329.—Fruits, noncitrus: Production, utilization, and value, United States, 1970-84<sup>1</sup>

Year	Utilized production	Fresh <sup>2</sup>	Processed						Value of utilized production
			Canned	Dried	Juice	Frozen	Wine	Other	
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 dollars</i>
1970.....	10,746	3,414	2,948	1,634	708	221	1,583	238	1,101,756
1971.....	11,416	3,452	2,914	1,431	877	240	2,310	192	1,199,562
1972.....	9,323	3,155	2,711	804	720	244	1,520	169	1,363,962
1973.....	11,694	3,465	2,819	1,795	598	254	2,567	196	1,988,135
1974.....	11,861	4,270	2,250	1,655	768	223	2,416	279	1,977,805
1975.....	12,305	4,734	2,056	1,920	863	251	2,276	205	1,919,399
1976.....	11,769	4,564	1,942	1,661	818	254	2,322	208	2,081,819
1977.....	12,216	4,531	2,060	1,870	841	244	2,412	258	2,533,727
1978.....	12,460	4,166	2,549	1,365	1,140	257	2,672	311	3,034,322
1979.....	13,689	4,358	2,758	2,044	1,285	226	2,713	305	3,404,222
1980.....	15,152	5,010	2,747	2,408	1,418	251	2,996	322	3,491,419
1981.....	12,961	4,708	2,263	1,722	1,235	231	2,522	280	3,586,740
1982.....	14,217	4,696	2,332	2,163	1,255	227	3,227	317	3,480,072
1983.....	13,704	4,804	2,121	2,481	1,445	185	2,423	245	3,215,879
1984 <sup>3</sup> .....	13,777	4,989	2,269	2,058	1,287	239	2,693	242	3,218,220

See footnotes on page 226.

Table 330.—Fruit juices, canned: United States packs, 1970–83

Season	Citrus juices <sup>1</sup>				Pineapple juice <sup>2</sup>	Grape juice	Prune juice	Apple juice	Fruit nectars
	Grapefruit	Orange	Blended orange and grapefruit	Tangerine and tangerine blends					
	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>
1970 .....	25,993	15,452	2,500	35	13,704	<sup>4</sup> 6,600	<sup>4</sup> 9,300	14,118	<sup>4</sup> 6,200
1971 .....	26,777	13,852	1,983	16	13,641	( <sup>5</sup> )	( <sup>5</sup> )	13,696	( <sup>5</sup> )
1972 .....	28,262	17,053	2,135	24	12,328	( <sup>5</sup> )	( <sup>5</sup> )	13,822	( <sup>5</sup> )
1973 .....	29,001	13,819	1,983	18	11,350	( <sup>5</sup> )	( <sup>5</sup> )	12,852	( <sup>5</sup> )
1974 .....	21,629	13,294	1,723	12	8,448	( <sup>5</sup> )	( <sup>5</sup> )	14,544	( <sup>5</sup> )
1975 .....	25,821	13,460	2,769	19	8,713	( <sup>5</sup> )	( <sup>5</sup> )	15,013	( <sup>5</sup> )
1976 .....	27,689	14,435	1,584	35	10,205	( <sup>5</sup> )	( <sup>5</sup> )	15,719	( <sup>5</sup> )
1977 .....	26,379	15,829	1,945	8	11,977	( <sup>5</sup> )	( <sup>5</sup> )	17,056	( <sup>5</sup> )
1978 .....	25,175	18,905	1,138	19	11,336	( <sup>5</sup> )	( <sup>5</sup> )	20,804	( <sup>5</sup> )
1979 .....	24,228	18,367	1,534	17	12,186	( <sup>5</sup> )	( <sup>5</sup> )	25,305	( <sup>5</sup> )
1980 .....	19,429	17,604	1,082	9	12,405	( <sup>5</sup> )	( <sup>5</sup> )	25,131	( <sup>5</sup> )
1981 .....	20,429	13,730	812	6	13,373	( <sup>5</sup> )	( <sup>5</sup> )	26,761	( <sup>5</sup> )
1982 .....	<sup>6</sup> 11,651	<sup>6</sup> 9,802	<sup>6</sup> 650	4	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1983 .....	<sup>6</sup> 9,513	<sup>6</sup> 9,084	<sup>6</sup> 555	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )

<sup>1</sup> Excluding citrus concentrates.<sup>2</sup> Hawaii and foreign operations.<sup>3</sup> Equivalent cases of 24 No. 2 cans.<sup>4</sup> Thousand actual cases basis.<sup>5</sup> Not available.<sup>6</sup> Florida only.

Economic Research Service. Based on data obtained from various canners' associations and individual canners.

Table 331.—Fruits, dried: Production (dry basis), United States, 1970–84

Year	Apples	Apricots	Dates	Figs	Peaches	Pears	Prunes <sup>1</sup>	Raisins	Total
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1970 .....	11,862	5,600	18,200	12,280	2,275	585	158,360	193,450	402,612
1971 .....	6,012	4,000	19,500	10,370	1,860	750	91,850	194,830	329,172
1972 .....	9,288	3,000	15,700	8,950	1,500	960	41,750	105,350	186,498
1973 .....	15,481	3,260	23,100	11,220	1,500	790	161,760	224,550	441,661
1974 .....	12,325	2,640	22,700	11,430	1,750	700	<sup>2</sup> 105,221	242,150	398,916
1975 .....	14,344	4,500	24,800	8,840	2,375	980	<sup>2</sup> 102,695	283,650	442,184
1976 .....	14,331	4,650	22,400	7,000	2,500	1,270	<sup>2</sup> 106,322	<sup>3</sup> 218,400	376,873
1977 .....	14,094	5,100	25,400	11,000	2,500	1,130	<sup>2</sup> 116,414	248,900	424,538
1978 .....	13,813	3,600	21,550	6,930	2,000	855	<sup>2</sup> 94,966	172,500	316,214
1979 .....	15,982	5,300	21,300	10,240	1,800	1,530	<sup>2</sup> 95,451	303,400	455,003
1980 .....	12,169	3,600	22,400	11,400	2,200	1,500	<sup>2</sup> 124,499	310,550	488,318
1981 .....	11,875	3,800	22,300	10,150	2,050	1,440	<sup>2</sup> 120,675	258,000	430,290
1982 .....	13,119	4,800	23,900	9,650	2,600	1,200	<sup>2</sup> 88,692	295,300	439,261
1983 .....	17,706	4,100	19,400	9,000	4,500	1,070	<sup>2</sup> 112,501	398,500	566,777
1984 <sup>4</sup> .....		3,520	2,250	9,750	4,500	627	<sup>2</sup> 105,096	335,000	499,968

<sup>1</sup> Excludes quantities not harvested and/or excess cullage of harvested prunes. Excludes prunes used for juice and concentrates.<sup>2</sup> Excludes Oregon.<sup>3</sup> Excludes 65,000 tons laid but not harvested. Includes 72,600 tons substandard diverted for distilling purposes.<sup>4</sup> Preliminary.

Economic Research Service. Compiled from reports of the Department and trade sources. All data on a natural condition basis.

## FOOTNOTES FOR TABLE 329

<sup>1</sup> Apples, apricots, avocados, bananas, bushberries, (through 1981), cherries, cranberries, dates, figs, grapes, kiwifruit (beginning 1980), nectarines, olives, papayas, peaches, pears, pineapples, pomegranates, and prunes and plums. Persimmons discontinued after 1977.<sup>2</sup> Includes "Home Use".<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 332.—Fruit, dried: Commercial production in specified countries, 1982-84

Commodity/country	1982	1983	1984 <sup>1</sup>	Commodity/country	1982	1983	1984 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Prunes:				Raisins:			
Argentina .....	6,000	6,500	6,500	Argentina .....	8,000	7,000	6,000
Australia .....	3,683	2,343	3,000	Australia .....	80,000	83,000	63,000
Chile .....	4,000	4,400	5,000	Chile .....	3,300	3,800	4,200
France .....	35,600	25,184	38,000	Greece .....	75,000	103,000	75,000
Italy .....	1,000	1,000	1,000	Mexico .....	16,000	9,120	6,934
South Africa .....	2,024	2,085	1,850	South Africa .....	32,898	29,839	27,750
United States .....	114,310	131,540	127,010	Turkey .....	95,000	100,000	80,000
Yugoslavia .....	31,000	29,107	22,000	United States .....	267,890	359,700	318,000
Total .....	197,617	202,159	204,360	Total above .....	578,088	695,459	580,884

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 333.—Fruits, frozen: Commercial pack, by kinds and areas, United States, 1984 <sup>1</sup>

Commodity	Northeast <sup>2</sup>	South <sup>3</sup>	Midwest <sup>4</sup>	West <sup>5</sup>	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Apples .....	<sup>6</sup> 21,351		32,051	24,594	77,996
Apricots .....				16,565	16,565
Cherries, red tart .....	21,672		100,964	43,954	166,600
Cherries, sweet .....			<sup>7</sup> 7,919	5,363	13,282
Grapes and pulp .....					( <sup>9</sup> )
Peaches .....				<sup>7</sup> <sup>8</sup> 75,877	75,877
Plums and prunes .....				<sup>7</sup> <sup>8</sup> 3,436	3,436
Purees, noncitrus <sup>6</sup> .....				<sup>6</sup> <sup>7</sup> <sup>8</sup> 15,645	15,645
Berries:					
Blackberries .....				<sup>7</sup> <sup>8</sup> 11,130	11,130
Blueberries .....	<sup>6</sup> 30,013		13,014	2,351	45,378
Boysenberries .....				3,524	3,524
Currants .....					( <sup>9</sup> )
Loganberries .....				1,018	1,018
Olallieberries .....					( <sup>9</sup> )
Raspberries, black .....			<sup>7</sup> 1,333		1,333
Raspberries, red .....				<sup>7</sup> <sup>8</sup> 18,326	18,326
Strawberries .....			<sup>6</sup> 3,451	227,963	231,414
Citrus juices <sup>10</sup> .....		1,223,389			1,223,389
Miscellaneous fruits and berries .....				<sup>6</sup> <sup>8</sup> 37,839	37,839
Total .....	73,036	1,223,389	158,732	487,595	1,942,752

See footnotes on page 230.



Table 334.—Fruits, frozen: Commercial pack, United States, 1975-84

Commodity	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Apples.....	89,704	118,759	97,204	68,337	60,827	69,109	105,883	100,378	75,576	77,996
Apricots.....	15,886	15,008	15,749	11,814	16,941	10,409	13,606	16,766	14,077	16,565
Cherries, red tart.....	126,073	84,113	154,600	126,300	116,300	129,009	85,848	159,191	105,518	166,600
Cherries, sweet.....	6,712	12,386	13,011	18,362	13,262	10,776	14,209	17,206	17,303	13,282
Grapes and pulp.....	( <sup>1</sup> )	1,723	4,892	4,529	2,264	2,178	2,901	8,442	10,006	( <sup>1</sup> )
Peaches.....	40,273	65,101	69,323	40,814	62,510	56,274	59,612	56,714	56,454	75,877
Plums and prunes.....	5,236	4,977	3,594	2,774	5,649	6,195	4,348	3,631	2,646	3,436
Purees, noncitrus.....	5,983	16,171	16,553	16,338	12,251	8,913	16,128	20,268	16,169	15,645
Berries:										
Blackberries.....	20,892	22,774	23,352	19,579	14,823	20,874	16,997	16,283	14,581	11,130
Blueberries.....	24,572	26,261	14,750	27,992	31,455	36,425	50,131	46,464	43,598	45,378
Boysenberries.....	4,815	4,094	3,586	3,048	2,752	4,678	5,131	5,101	3,573	3,594
Currants.....	843	1,123	765	694	1,272	1,401	350	561	( <sup>1</sup> )	( <sup>1</sup> )
Loganberries.....	2,954	2,571	3,427	2,989	3,789	3,506	1,552	1,665	2,293	1,018
Olallieberries.....	1,880	( <sup>1</sup> )	( <sup>1</sup> )	2,985	3,518	3,436	374	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Raspberries.....	28,632	22,561	24,988	21,885	23,518	21,436	96,179	98,717	19,855	19,659
Strawberries.....	183,695	216,153	920,591	151,834	190,579	253,072	210,558	272,676	292,682	231,414
Citrus juices <sup>2</sup> .....	1,985,952	1,903,736	1,711,577	1,726,514	1,90,847	2,403,811	1,809,524	1,643,272	1,725,906	1,223,389
Miscellaneous fruits and berries.....	10,755	14,538	20,694	16,021	16,897	18,051	16,620	19,449	5,640	37,839
Total.....	2,552,817	2,538,289	2,399,386	2,269,080	2,476,711	3,057,213	2,438,447	2,416,778	2,406,693	1,942,752

<sup>1</sup> Included in miscellaneous fruits and berries.<sup>2</sup> Florida only. Calendar year estimate.

Economic Research Service. Data from American Frozen Food Institute and Florida Citrus Processor Association.

**Table 335.—Fruit and juices: Cold-storage holdings, end of month, United States, 1983 and 1984**

Month	Fresh		Frozen					
	Apples		Apples		Blueberries		Cherries	
	1983	1984	1983	1984	1983	1984	1983	1984
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	2,446,765	2,460,481	64,243	78,654	27,099	51,493	67,239	53,718
February.....	1,892,070	1,887,514	67,224	85,929	21,965	47,466	51,877	43,299
March.....	1,321,632	1,354,354	67,287	81,356	19,250	42,984	43,322	35,860
April.....	853,593	912,208	63,541	78,566	16,275	41,498	34,065	28,640
May.....	426,689	396,808	58,978	69,032	12,409	36,914	27,752	22,904
June.....	216,254	237,789	53,139	57,785	9,267	33,841	21,729	17,687
July.....	68,099	97,214	48,802	51,235	15,403	30,734	67,254	75,914
August.....	11,951	8,943	42,853	43,780	59,869	60,364	96,543	162,454
September.....	1,750,892	1,235,541	36,869	31,204	69,027	68,817	90,271	139,847
October.....	3,929,974	4,154,148	45,721	39,446	62,216	59,280	78,138	122,871
November.....	3,773,541	3,808,942	52,353	48,481	55,798	56,487	73,853	111,847
December.....	2,980,093	3,171,461	63,462	57,849	54,200	52,867	64,121	102,295

  

Month	Frozen—Continued					
	Strawberries		Total frozen fruit		Orange juice	
	1983	1984	1983	1984	1983	1984
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	120,704	171,505	546,550	616,467	1,028,068	785,654
February.....	105,258	151,736	482,853	534,511	1,016,195	956,263
March.....	91,407	137,629	430,269	479,933	963,303	976,288
April.....	86,928	135,199	387,310	444,440	1,186,976	920,124
May.....	95,316	148,386	356,225	406,500	1,407,963	998,235
June.....	225,133	213,656	470,464	451,472	1,318,625	903,193
July.....	241,931	255,245	549,790	587,796	1,192,429	780,843
August.....	231,970	244,341	609,272	715,819	960,779	707,023
September.....	220,705	229,485	625,172	704,801	810,677	595,804
October.....	202,739	204,792	700,957	771,430	684,785	557,303
November.....	183,281	189,227	658,296	732,490	595,018	564,813
December.....	176,572	165,960	644,705	690,528	631,077	651,635

Statistical Reporting Service.

**Table 336.—Canned fruits and fruit juices: <sup>1</sup> Cannery's beginning of season, United States, 1982-84**

Commodity	Season beginning—	Cannery's stocks					
		1982	1983	1984	1982	1983	1984
		1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>
Canned fruits:							
Apples.....	Aug. 1.....	891	831	(*)	762	705	(*)
Applesauce.....	Aug. 1.....	5,107	5,944	(*)	2,949	3,320	(*)
Apricots.....	June 1.....	381	316	153	259	219	123
Cherries, red pitted.....	July 1.....	17	48	8	13	42	7
Cherries, sweet.....	June 1.....	151	226	287	108	168	200
Grapefruit sections.....	Oct. 1.....	390	(*)	(*)	388	462	(*)
Peaches.....	June 1.....	10,484	7,265	<sup>5</sup> 1,729	8,298	5,762	<sup>5</sup> 1,140
Pears.....	June 1.....	6,931	4,410	2,225	5,202	3,327	1,563
Purple plums.....	June 1.....	765	288	95	627	231	95
Fruit cocktail.....	June 1.....	9,650	5,954	3,529	6,621	3,824	2,211
Canned juices:							
Grapefruit.....	Oct. 1.....	3,968	2,302	1,454	4,266	2,422	1,704
Orange.....	Oct. 1.....	2,408	1,429	1,220	2,404	1,414	1,187
Blended orange and grapefruit.....	Oct. 1.....	162	118	124	201	150	100

See footnotes on page 231.

Table 337.—Fruits: Total and per capita civilian consumption, United States, 1970–84<sup>1</sup>

Year	Fruits used fresh							
	Total fruits		Apples <sup>2</sup>		Citrus fruits		Other fresh fruits <sup>3</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1970.....	16,162	80.1	3,430	17.0	5,817	28.8	6,915	34.3
1971.....	16,618	81.1	3,383	16.5	5,984	29.2	7,251	35.4
1972.....	15,668	75.5	3,269	15.8	5,693	27.4	6,706	32.3
1973.....	16,302	77.8	3,370	16.1	5,741	27.4	7,191	34.3
1974.....	16,763	79.2	3,492	16.5	5,805	27.4	7,466	35.3
1975.....	18,137	84.9	4,076	19.1	6,284	29.4	7,777	36.4
1976.....	18,142	84.0	3,701	17.1	6,264	29.0	8,177	37.9
1977.....	17,896	82.0	3,690	16.9	5,723	26.2	8,483	38.9
1978.....	18,365	83.2	3,862	17.5	5,854	26.5	8,649	39.2
1979.....	18,718	83.9	3,918	17.6	5,466	24.5	9,334	41.8
1980.....	20,249	89.8	4,299	19.1	6,513	28.9	9,437	41.8
1981.....	19,737	86.8	3,836	16.8	5,677	25.0	10,224	44.9
1982.....	19,973	86.8	4,118	17.8	5,684	24.7	10,172	44.2
1983 <sup>4</sup> .....	21,167	91.1	4,290	18.4	6,684	28.8	10,214	44.0
1984 <sup>4</sup> .....	21,013	89.7	4,240	18.1	5,557	23.7	11,216	47.9

  

	Canned fruits <sup>5</sup>		Canned juices <sup>6</sup>		Dried fruits <sup>7</sup>		Frozen fruit and juices <sup>8</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1970.....	4,777	23.7	3,872	19.2	546	2.7	2,000	9.9
1971.....	4,570	22.3	4,057	19.9	538	2.6	2,318	11.3
1972.....	4,468	21.6	3,944	19.1	418	2.0	2,569	12.3
1973.....	4,498	21.4	4,235	20.3	536	2.5	2,531	12.1
1974.....	4,132	19.5	3,844	18.1	511	2.4	2,546	12.0
1975.....	4,095	19.2	4,318	20.2	633	2.9	3,010	14.1
1976.....	4,071	18.9	4,440	20.5	568	2.6	2,936	13.6
1977.....	4,184	19.2	4,207	19.3	552	2.5	3,068	14.0
1978.....	3,992	18.1	4,965	22.6	460	2.1	2,769	12.6
1979.....	4,002	18.0	4,985	22.4	572	2.6	2,809	12.6
1980.....	3,967	17.6	5,079	22.6	540	2.4	2,926	13.0
1981.....	3,759	16.5	5,304	23.4	621	2.7	2,889	12.7
1982.....	3,009	13.1	3,962	17.2	683	3.0	3,246	14.1
1983 <sup>4</sup> .....	3,009	13.0	2,785	12.1	717	3.1	3,517	15.1
1984 <sup>4</sup> .....	2,082	8.9	2,147	9.2	749	3.2	3,164	13.5

<sup>1</sup> Fresh citrus fruits and apples are on a crop-year basis. Dried fruits are on a pack-year basis. The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by total population adjusted for members of the Armed Forces not eating out of civilian supplies. <sup>2</sup> Excludes noncommercial apples. <sup>3</sup> Apricots, avocados, bananas, cherries, cranberries, figs, grapes, nectarines, peaches, pears, pineapples, papayas plums and prunes, and strawberries beginning 1970, include bushberries and miscellaneous fruit. <sup>4</sup> Preliminary. <sup>5</sup> Apples, applesauce, apricots, berries, cherries (including brined), cranberries, figs, fruit cocktail and salad, canned and chilled citrus sections, olives (including brined), pineapple, plums and prunes, peaches (including spiced), and pears. Figs excluded after 1972. Spiced peaches excluded after 1980. Pineapples excluded after 1981. <sup>6</sup> Grapefruit, orange, blended citrus, lemon and lime, tangerine and blends, pineapple, apple, grape, and prune, and fruit nectars. Includes canned concentrated citrus juices converted to single-strength basis, but excludes all frozen juices. Includes chilled orange and grapefruit juice. Pineapple juice excluded after 1981. <sup>7</sup> Dried apples, apricots, dates, figs, peaches, pears, prunes, and raisins. Excludes unmerchantable figs, substandard prunes, and prunes used for juice and concentrate. Dried data are in terms of processed dried weight. <sup>8</sup> Principally cherries, apples, peaches, apricots, strawberries, other berries, and citrus juices.

Economic Research Service.

## FOOTNOTES FOR TABLE 333

<sup>1</sup> Includes the commercial pack only and does not include quantities produced in frozen food locker plants. <sup>2</sup> Connecticut, Maine, Massachusetts, New Jersey, New York, Pennsylvania, and Rhode Island. <sup>3</sup> Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia. <sup>4</sup> Illinois, Indiana, Michigan, Minnesota, Nebraska, Ohio, and Wisconsin. <sup>5</sup> Arizona, California, Colorado, Hawaii, Idaho, Montana, Oregon, Utah, and Washington. <sup>6</sup> Includes pack in South. <sup>7</sup> Includes pack in Northeast. <sup>8</sup> Includes pack in Midwest.

<sup>9</sup> Included with miscellaneous fruits and berries. Data for 1984 includes cranberries, currants, gooseberries, mixed fruit, marionberries, elderberries, ollalie berries, pineapple, lemon, oranges, pears, grape pulp, and melon. <sup>10</sup> Calendar year estimate. (See table 280 for packs of concentrated grapefruit and orange juice in gallons, pack-year basis.) <sup>11</sup> Florida only. <sup>12</sup> Data for 1984 includes purees of apple, apricot, banana, cherry, black and red raspberry, boysenberry, loganberry, grape, melon, nectarine, peach, plum and strawberry.

Economic Research Service. Data from American Frozen Food Institute and Florida Citrus Processor Association.

Table 338.—Tree nuts (shelled basis): Supply and utilization, United States, 1970-84 <sup>1</sup>

Crop year	United States production <sup>2</sup>	Imports <sup>3</sup>	Beginning stocks	Total supply	Exports <sup>3</sup>	Ending stocks	Civilian disappearance	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1970 .....	295,940	148,900	86,280	531,120	96,370	76,700	358,050	1.76
1971 .....	363,610	151,700	76,700	592,010	125,420	80,830	385,760	1.88
1972 .....	310,260	178,770	80,830	569,860	108,750	55,690	405,420	1.94
1973 .....	398,490	152,410	55,690	606,590	119,120	127,220	360,250	1.71
1974 .....	392,530	116,215	127,220	635,965	151,440	153,780	330,745	1.55
1975 .....	425,360	166,100	153,780	745,240	196,680	137,010	411,250	1.91
1976 .....	449,950	161,810	137,010	748,770	223,500	114,670	410,600	1.89
1977 .....	548,170	106,030	114,670	768,870	240,480	155,720	372,670	1.70
1978 .....	396,500	125,100	155,720	677,320	179,150	124,290	373,880	1.69
1979 .....	615,520	121,570	124,290	861,380	296,880	171,770	392,730	1.75
1980 .....	558,250	99,630	171,770	829,650	266,560	166,490	396,600	1.75
1981 .....	714,240	91,610	<sup>4</sup> 166,470	972,320	284,630	270,120	417,570	1.82
1982 .....	640,770	121,920	207,120	1,032,810	238,160	314,188	480,462	2.08
1983 .....	524,860	141,200	314,190	919,650	225,320	218,500	533,830	2.30
1984 <sup>5</sup> .....	844,040	135,560	218,500	1,198,100	329,770	352,030	516,300	2.19

<sup>1</sup> Includes almonds, filberts, pecans, walnuts, Brazil nuts, pignolias, pistachios, chestnuts, cashews, miscellaneous tree nuts, and macadamias.

<sup>2</sup> Almonds, filberts, walnuts, pecans, and macadamias; not reports on other nuts. Excludes quantities unharvested and culls not used or used for oil.

<sup>3</sup> Foreign trade data on a crop-year basis, beginning July 1 or Aug. 1 of year indicated.

<sup>4</sup> Change in stocks is for almonds.

<sup>5</sup> Preliminary.

Economic Research Service.

Table 339.—Tree nuts: Commercial production in specified countries, 1982-84

Commodity and country	1982	1983	1984 <sup>1</sup>	Commodity and country	1982	1983	1984 <sup>1</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
Almonds (shelled basis):				Filberts (in the shell)—Con.			
Italy .....	16	29	13	Turkey .....	220	420	300
Morocco .....	4	5	5	United States .....	17	7	12
Portugal .....	4	4	4	Total .....	366	578	380
Spain .....	60	32	40	Walnuts (in the shell):			
Turkey .....	12	13	9	France .....	31	18	14
United States .....	157	110	266	India .....	18	20	21
Total .....	253	193	337	Italy .....	12	12	12
Filberts (in the shell):				Turkey .....	72	73	70
Italy .....	115	120	55	United States .....	212	181	191
Spain .....	14	31	13	Total .....	345	304	308

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

## FOOTNOTES FOR TABLE 336

<sup>1</sup> Canners' stocks for citrus products are Florida only 24/2 cases.

<sup>2</sup> Actual cases.

<sup>3</sup> 24/2½ cases.

<sup>4</sup> Not available.

<sup>5</sup> Clingstone peaches only.

Economic Research Service. Compiled from various canners' associations.



**Table 340.—Almonds (shelled basis): Production, season average price per pound, and value, California, 1970-84**

Year	Production	Price	Value	Year	Production	Price	Value
	<i>Million pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Million pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1970 .....	149.0	53.8	80,104	1978 .....	181.0	145.0	262,450
1971 .....	162.0	53.8	87,100	1979 .....	376.0	153.0	575,280
1972 .....	151.0	65.0	98,125	1980 .....	322.0	147.0	473,340
1973 .....	155.0	128.8	199,660	1981 .....	408.0	78.0	299,520
1974 .....	230.0	74.0	170,100	1982 .....	347.0	94.0	311,140
1975 .....	186.0	63.7	118,400	1983 .....	242.0	104.0	231,920
1976 .....	284.0	64.8	184,032	1984 <sup>1</sup> .....	587.0	82.0	470,270
1977 .....	313.0	84.5	264,485				

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 341.—Almonds (shelled basis <sup>1</sup>): Foreign trade, United States, 1970-83**

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	<i>Metric tons</i>	<i>1,000 metric tons</i>		<i>Metric tons</i>	<i>1,000 metric tons</i>		<i>Metric tons</i>	<i>1,000 metric tons</i>
1970 .....	85	26	1975 .....	220	50	1980 .....	23	75
1971 .....	63	37	1976 .....	604	61	1981 .....	55	75
1972 .....	91	25	1977 .....	88	62	1982 .....	344	58
1973 .....	41	35	1978 .....	200	43	1983 .....	65	63
1974 .....	58	47	1979 .....	63	87			

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 2.0 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.0 to 1.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 342.—Filberts (in the shell): Production, season average price per ton, and value, United States, 1970-84**

Year	Oregon			Washington			Oregon and Washington		
	Production <sup>1</sup>	Price	Value	Production <sup>1</sup>	Price	Value	Production <sup>1</sup>	Price	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970 .....	8,750	570	4,988	510	571	291	9,260	570	5,279
1971 .....	11,000	414	4,554	370	416	154	11,370	414	4,708
1972 .....	9,600	508	4,877	550	509	280	10,150	508	5,175
1973 .....	11,700	570	6,669	550	635	349	12,250	573	7,018
1974 .....	6,400	560	3,584	300	565	170	6,700	560	3,754
1975 .....	11,800	610	7,198	320	595	190	12,120	610	7,388
1976 .....	6,950	640	4,448	220	635	140	7,170	640	4,588
1977 .....	11,400	687	7,832	350	674	236	11,750	687	8,068
1978 .....	13,700	805	11,029	350	835	292	14,050	806	11,321
1979 .....	12,700	951	12,078	300	970	291	13,000	951	12,369
1980 .....	15,100	1,151	17,386	300	1,181	354	15,400	1,152	17,740
1981 .....	14,400	786	11,319	300	770	231	14,700	786	11,550
1982 .....	18,400	680	12,512	400	677	271	18,800	680	12,783
1983 .....	8,000	554	4,432	200	720	144	8,200	558	4,576
1984 <sup>2</sup> .....	13,200	617	8,146	200	875	175	13,400	621	8,321

<sup>1</sup> Production is the quantity sold or utilized. Excludes unharvested production for Oregon as follows: 500 tons in 1974.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 343.—Filberts (shelled basis<sup>1</sup>): Foreign trade, United States, 1970-83

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
1970 .....	3,220	206	1975 .....	3,854	419	1980 .....	1,728	2,137
1971 .....	1,945	269	1976 .....	5,830	604	1981 .....	2,494	1,520
1972 .....	3,744	325	1977 .....	3,443	993	1982 .....	2,760	1,551
1973 .....	5,932	349	1978 .....	4,027	1,496	1983 .....	4,012	1,245
1974 .....	1,830	303	1979 .....	2,118	3,025			

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 2.22 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 344.—Macadamia nuts (in the shell): Area, yield, production, price, and value, Hawaii, 1970-84

Year	Area har- vested	Yield per har- vested acre <sup>1</sup>	Produc- tion	Price per pound	Value	Year	Area har- vested	Yield per har- vested acre <sup>1</sup>	Produc- tion	Price per pound	Value
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dol- lars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dol- lars</i>
1970 .....	4,115	3.2	13,216	21.7	2,868	1978 .....	9,200	2.3	20,980	53.8	11,287
1971 .....	4,900	2.9	14,448	24.7	3,569	1979 .....	9,600	2.8	26,660	62.9	16,769
1972 .....	5,000	2.6	13,110	23.3	3,055	1980 .....	10,000	3.3	33,390	72.4	24,174
1973 .....	5,080	2.4	12,124	25.5	3,092	1981 .....	10,000	3.3	33,360	79.3	26,454
1974 .....	5,760	2.8	16,370	32.0	5,238	1982 .....	10,200	3.6	36,720	73.9	27,136
1975 .....	6,080	3.0	18,210	31.6	5,754	1983 .....	10,600	3.4	36,420	65.7	23,928
1976 .....	6,300	3.0	18,990	36.9	7,007	1984 <sup>2</sup> .....	12,000	3.1	37,700	69.2	26,088
1977 .....	6,300	3.1	19,680	40.8	8,029						

<sup>1</sup> Derived from total production.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 345.—Pecans (in the shell): Production, season average price per pound, and value, United States, 1970-84

Year	Improved varieties			Native and seedling			All pecans		
	Produc- tion	Price	Value	Produc- tion	Price	Value	Produc- tion	Price	Value
	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1970 .....	81,720	42.1	34,403	73,380	35.6	26,125	155,100	39.0	60,528
1971 .....	142,300	35.4	50,369	103,900	29.8	30,917	246,200	33.0	81,286
1972 .....	88,990	46.1	41,028	94,110	38.9	36,608	183,100	42.4	77,636
1973 .....	145,200	42.6	61,793	130,500	30.3	39,494	275,700	36.7	101,287
1974 .....	86,800	52.5	45,542	50,300	38.2	19,199	137,100	47.2	64,741
1975 .....	110,100	46.5	51,164	136,700	34.4	47,036	246,800	39.8	98,200
1976 .....	77,300	87.5	67,603	25,800	63.5	16,380	103,100	81.5	83,983
1977 .....	137,900	66.0	91,015	98,700	46.0	45,444	236,600	57.7	136,459
1978 .....	164,500	64.5	106,170	85,400	52.8	45,080	249,900	60.5	151,250
1979 .....	101,100	70.0	70,742	109,500	41.9	45,921	210,600	55.4	116,663
1980 .....	128,500	84.8	109,015	55,000	62.3	34,254	183,500	78.1	143,269
1981 .....	174,550	64.7	112,987	164,550	43.7	71,855	339,100	54.5	184,842
1982 .....	169,000	72.6	122,776	49,600	49.8	24,715	218,600	67.5	147,491
1983 .....	167,250	67.7	113,199	102,750	44.0	45,190	270,000	58.7	158,389
1984 <sup>1</sup> .....	169,280	68.2	115,406	63,170	46.6	29,424	232,400	62.3	144,880

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 346.—Pecans (in the shell): Production and season average price per pound, by States, 1982–84**

Item and State	Production			Price for crop of—		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
<b>IMPROVED VARIETIES</b>						
Ala.....	14,000	17,000	9,000	71.3	52.0	68.0
Ark.....	600	1,750	1,100	108.0	85.0	81.0
Fla.....	2,000	1,500	2,200	61.0	70.3	65.5
Ga.....	105,000	85,000	100,000	66.5	66.0	58.0
La.....	2,500	3,000	1,500	70.0	65.0	75.0
Miss.....	3,000	5,500	4,000	87.0	65.0	72.0
N. Mex.....	25,000	29,000	24,000	83.0	73.0	83.0
N.C.....	900	500	1,830	65.0	75.0	70.0
Okla.....	800	1,000	2,000	137.0	86.0	91.0
S.C.....	1,200	1,000	3,600	79.5	84.6	63.0
Tex.....	14,000	22,000	20,000	95.4	77.0	98.3
U.S.....	169,000	167,250	169,230	72.6	67.7	68.2
<b>NATIVE AND SEEDLING</b>						
Ala.....	9,000	7,000	4,000	49.1	38.0	48.0
Ark.....	400	750	400	46.0	50.0	49.0
Fla.....	2,500	1,900	2,800	51.0	46.5	45.0
Ga.....	20,000	15,000	20,000	49.0	45.0	42.0
La.....	7,500	19,000	3,500	46.0	39.0	45.0
Miss.....	1,000	2,500	1,500	42.0	41.0	45.0
N.C.....	1,000	1,100	1,070	50.0	50.0	50.0
Okla.....	4,200	7,000	23,000	57.0	43.0	50.0
S.C.....	1,000	500	1,900	60.2	50.7	47.0
Tex.....	3,000	48,000	5,000	55.7	46.4	49.0
U.S.....	49,600	102,750	63,170	49.8	44.0	46.6
<b>ALL PECANS</b>						
Ala.....	23,000	24,000	13,000	62.6	47.9	62.0
Ark.....	1,000	2,500	1,500	83.2	74.5	72.0
Fla.....	4,500	3,400	5,000	55.4	57.0	54.0
Ga.....	125,000	100,000	120,000	63.7	62.9	55.3
La.....	10,000	22,000	5,000	52.0	42.5	54.0
Miss.....	4,000	8,000	5,500	75.8	57.5	64.6
N. Mex.....	25,000	29,000	24,000	83.0	73.0	83.0
N.C.....	1,900	1,600	2,900	57.1	57.8	63.0
Okla.....	5,000	8,000	25,000	69.0	48.4	53.3
S.C.....	2,200	1,500	5,500	70.7	73.3	57.0
Tex.....	17,000	70,000	25,000	88.4	56.0	88.5
U.S.....	218,600	270,000	232,400	67.5	58.7	62.3

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 347.—Pecans (shelled basis<sup>1</sup>): Foreign trade, United States, 1970–83**

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
1970.....	564	780	1975.....	1,192	1,660	1980.....	436	2,021
1971.....	147	919	1976.....	1,417	1,065	1981.....	200	1,896
1972.....	15	1,039	1977.....	218	1,637	1982.....	347	2,664
1973.....	60	1,171	1978.....	564	1,540	1983.....	2,082	1,548
1974.....	2	1,536	1979.....	272	1,539			

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 2.78 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 348.—Walnuts, (English), (in the shell): Production, season average price per ton, and value, United States, 1970-84**

Year	California			Oregon			California and Oregon		
	Production	Price	Value	Production <sup>1</sup>	Price	Value	Production <sup>1</sup>	Price	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	108,000	407	43,956	3,800	360	1,368	111,800	405	45,324
1971.....	135,000	420	56,700	1,400	290	406	136,400	419	57,106
1972.....	116,000	564	65,424	800	538	430	116,800	564	65,854
1973.....	174,000	605	105,270	1,000	550	550	175,000	605	105,820
1974.....	155,000	419	64,945	1,500	380	570	156,500	419	65,515
1975.....	198,000	456	90,288	1,300	390	507	199,300	456	90,795
1976.....	183,000	627	114,741	700	605	424	183,700	627	115,165
1977.....	192,000	725	139,200	500	710	355	192,500	725	139,555
1978.....	160,000	1,302	208,320	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	.....
1979.....	208,000	847	176,176	.....	.....	.....	.....	.....	.....
1980.....	197,000	936	184,392	.....	.....	.....	.....	.....	.....
1981.....	225,000	1,014	228,150	.....	.....	.....	.....	.....	.....
1982.....	234,000	1,020	238,680	.....	.....	.....	.....	.....	.....
1983 <sup>2</sup> .....	199,000	631	125,569	.....	.....	.....	.....	.....	.....
1984 <sup>2</sup> .....	213,000	754	160,602	.....	.....	.....	.....	.....	.....

<sup>1</sup> Additional quantities not harvested are as follows (tons): 1975—Oregon, 200.<sup>2</sup> Preliminary.<sup>3</sup> Estimates discontinued after 1977 crop.

Statistical Reporting Service.

**Table 349.—Walnuts (shelled basis <sup>1</sup>): Foreign trade, United States, 1970-83**

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
1970.....	224	3,879	1975.....	54	19,838	1980.....	4	20,068
1971.....	305	7,022	1976.....	24	17,371	1981.....	36	21,678
1972.....	586	6,236	1977.....	66	7,676	1982.....	108	16,066
1973.....	72	10,849	1978.....	533	11,832	1983.....	32	16,453
1974.....	15	12,095	1979.....	97	17,102			

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 2.86 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.38 to 1. Beginning 1978, imports of shelled nuts converted to shelled basis at ratio of 2.38 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.78 to 1.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.



Table 350.—Cacao beans: United States imports by country of origin, 1982-84

Continent and country	1982	1983	1984 <sup>1</sup>	Continent and country	1982	1983	1984 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Africa:			
Costa Rica .....	978	35	109	Cameroon .....	500	600	.....
Dominican Republic .....	36,214	31,879	33,619	Ghana .....	13,249	14,577	6,295
Haiti .....	1,022	835	319	Ivory Coast .....	54,494	89,262	74,361
Mexico .....		7,020	1,050	Liberia .....	457		.....
Trinidad and Tobago .....	862	849	710	Nigeria .....	7,098	13,825	3,765
Other countries .....	130	1,172	2,069	Other countries .....	420	38	1,101
Total .....	39,206	41,790	37,876	Total .....	76,218	118,302	85,522
South America:				Asia and Oceania:			
Brazil .....	41,267	29,669	25,613	Malaysia .....	4,517	7,365	6,907
Ecuador .....	27,614	7,906	25,601	Papua New Guinea .....	4,792	5,757	3,447
Venezuela .....	1,150	2,467	2,064	Other countries .....	1,202	2,076	3,644
Other countries .....	570	577	1,816	Total .....	10,511	15,198	13,998
Total .....	70,601	40,649	55,094	Europe .....	797	1,182	1,455
				Grand total .....	197,333	217,121	193,945

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 351.—Cacao beans: Exports from principal producing countries, 1981-83

Continent and country	1981	1982	1983 <sup>1</sup>	Continent and country	1981	1982	1983 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Africa—Cont.			
Costa Rica .....	2,018	1,852	700	Ghana .....	180,885	217,102	177,335
Dominican Republic .....	27,261	38,245	38,347	Ivory Coast .....	437,169	326,306	286,385
Grenada .....	2,605	2,075	2,440	Liberia .....	6,728	4,370	5,740
Jamaica .....	1,564	1,260	1,964	Madagascar .....	1,600	1,388	2,315
Mexico .....	17	3,044	11,538	Nigeria .....	108,960	136,656	152,304
Trinidad and Tobago .....	3,010	2,435	1,986	Sao Tome and Principe .....	6,000	5,989	3,117
Other countries .....	2,662	2,162	2,313	Sierra Leone .....	9,027	8,500	9,000
Total .....	39,137	51,063	59,288	Tanzania .....	1,134	1,144	1,332
South America:				Togo .....	17,205	10,113	9,482
Brazil .....	125,246	143,462	152,773	Uganda .....	210	200	80
Ecuador .....	24,114	38,025	7,019	Zaire .....	4,478	4,137	4,373
Peru .....	664	700	530	Total .....	869,134	795,519	746,341
Venezuela .....	7,893	9,457	9,549	Asia and Oceania:			
Total .....	158,007	191,644	169,871	Indonesia .....	6,814	11,395	15,885
Africa:				Malaysia .....	42,425	57,701	57,198
Benin .....	500	800	3,600	Papua New Guinea .....	27,842	28,223	26,342
Cameroon .....	82,378	66,407	80,052	Sri Lanka .....	902	698	807
Comoro Islands .....	2	15	10	Vanuatu .....	944	542	1,233
Congo .....	2,193	2,457	1,211	Western Samoa .....	902	746	1,735
Equatorial Guinea .....	7,500	7,500	8,000	Total .....	79,829	99,305	103,200
Gabon .....	3,165	2,525	2,005	Grand total .....	1,146,107	1,137,531	1,078,700

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 352.—Coffee: Area, yield, production, price, and value, Hawaii, 1970-71 to 1984-85

Season	Area harvested	Yield per harvested acre	Production	Price per pound	Value	Season	Area harvested	Yield per harvested acre	Production	Price per pound	Value
	Acres	1,000 pounds	1,000 pounds	Dollars	1,000 dollars		Acres	1,000 pounds	1,000 pounds	Dollars	1,000 dollars
1970-71.....	2,700	1.6	4,300	0.337	1,449	1978-79.....	1,900	0.9	1,680	1.26	2,117
1971-72.....	2,400	1.2	2,930	.346	1,014	1979-80.....	1,800	1.2	2,190	1.43	3,132
1972-73.....	2,400	1.5	3,640	.504	1,835	1980-81.....	1,700	.9	1,440	1.60	2,304
1973-74.....	2,500	1.2	3,040	.563	1,711	1981-82.....	1,700	1.3	2,210	2.00	4,420
1974-75.....	2,500	.6	1,540	.464	714	1982-83.....	1,900	.5	990	2.15	2,129
1975-76.....	2,000	.9	1,860	.752	1,399	1983-84 <sup>1</sup> .....	1,800	1.6	2,800	2.25	4,050
1976-77.....	2,000	1.1	2,120	1.85	3,922	1984-85 <sup>1</sup> .....	1,700	1.1	1,800	2.65	4,770
1977-78.....	2,000	1.1	2,270	1.38	3,133						

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 353.—Coffee: United States imports by country of origin, 1982-84<sup>1</sup>

Continent and country	1982	1983	1984 <sup>2</sup>	Continent and country	1982	1983	1984 <sup>2</sup>
	1,000 bags	1,000 bags	1,000 bags		1,000 bags	1,000 bags	1,000 bags
North America:				Africa—Cont.			
Costa Rica.....	248	226	258	Ethiopia.....	578	519	423
Dominican Republic.....	500	430	447	Ivory Coast.....	998	673	1,144
El Salvador.....	919	1,214	1,052	Kenya.....	199	263	171
Guatemala.....	844	887	1,118	Madagascar.....	140	126	84
Mexico.....	1,377	1,495	1,553	Rwanda.....	180	164	68
Nicaragua.....	19	6	32	Sierra Leone.....	123	105	140
Other countries.....	425	452	457	Uganda.....	1,229	729	570
Total.....	4,332	4,710	4,917	Zaire.....	97	22	12
				Other countries.....	292	301	278
South America:				Total.....	4,330	3,076	2,980
Brazil.....	3,372	3,417	3,866	Asia and Oceania:			
Colombia.....	1,710	1,755	2,170	India.....	279	158	153
Ecuador.....	773	857	961	Indonesia.....	1,118	1,079	1,030
Peru.....	513	439	557	Other countries.....	668	545	310
Other countries.....	136	177	221	Total.....	2,065	1,782	1,493
Total.....	6,504	6,645	7,775	Other countries.....	185	236	569
Africa:				Grand total.....	17,416	16,449	17,734
Burundi.....	261	17	9				
Cameroon.....	233	157	81				

<sup>1</sup> Green coffee only; does not include roasted or soluble.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 358

<sup>1</sup> Includes straw mushrooms.<sup>2</sup> Included is 2,302 metric tons for Netherlands for 1984.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 354.—Coffee: Exports from principal producing countries, 1981-83 <sup>1</sup>

Continent and country of origin	1981	1982	1983 <sup>2</sup>	Continent and country of origin	1981	1982	1983 <sup>2</sup>
	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>		<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>
North America:				Africa—Cont.			
Costa Rica.....	1,589	1,589	1,784	Cameroon.....	1,599	1,606	1,569
Dominican Republic.....	551	578	503	Central African Republic..	194	274	280
El Salvador.....	2,041	2,218	2,796	Ethiopia.....	1,434	1,400	1,550
Guatemala.....	2,091	2,446	1,985	Guinea.....	18	20	78
Haiti.....	236	410	390	Ivory Coast.....	4,027	4,714	3,986
Honduras.....	1,132	958	1,238	Kenya.....	1,341	1,641	1,402
Mexico.....	2,021	2,081	3,003	Madagascar.....	1,031	879	891
Nicaragua.....	887	817	1,058	Tanzania.....	1,022	947	813
Total.....	10,548	11,097	12,757	Togo.....	173	296	248
South America:				Uganda.....	2,173	2,874	2,380
Brazil.....	15,698	17,207	17,845	Zaire.....	1,067	1,136	1,098
Colombia.....	9,092	8,856	9,210	Total.....	14,823	16,549	14,739
Ecuador.....	1,108	1,522	1,432	Asia and Oceania:			
Peru.....	759	725	923	India.....	1,537	1,435	1,119
Venezuela.....	26	14	47	Indonesia.....	3,618	3,708	3,948
Total.....	26,683	28,324	29,457	Papua New Guinea.....	783	699	872
Africa:				Total.....	5,938	5,842	5,939
Angola.....	744	762	444	Grand total.....	57,992	61,812	62,892

<sup>1</sup> Mostly green coffee, some countries include soluble or roasted.<sup>2</sup> Preliminary.

Foreign Agricultural Service, International Coffee Organization.

Table 355.—Tea: United States imports by country of origin, 1982-84

Continent and country	1982	1983	1984 <sup>1</sup>	Continent and country	1982	1983	1984 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Asia and Oceania—Cont.			
Canada.....	2,107	2,111	2,121	Hong Kong.....	142	200	474
Other countries.....	2	36	11	India.....	2,865	2,894	3,758
Total.....	2,109	2,147	2,132	Indonesia.....	13,953	14,352	15,501
South America:				Japan.....	2,421	1,755	2,130
Argentina.....	12,233	15,114	18,142	Papua New Guinea.....	43	25	76
Brazil.....	3,465	3,926	3,611	Soviet Union.....	456	641	372
Ecuador.....	269	378	425	Sri Lanka.....	12,417	8,106	9,383
Other countries.....	19	8	.....	Other countries.....	194	453	777
Total.....	15,986	19,426	22,178	Total.....	43,197	38,356	48,399
Europe:				Africa:			
Germany, Fed. Rep. of.....	476	646	1,161	Kenya.....	6,949	4,536	3,932
Netherlands.....	6,110	4,657	4,792	Malawi.....	1,409	1,288	915
United Kingdom.....	691	727	568	Mozambique.....	3,970	3,540	2,242
Other countries.....	225	182	49	Rwanda.....	766	677	712
Total.....	7,502	6,212	6,570	South Africa.....	244	230	295
Asia and Oceania:				Tanzania.....	539	258	354
China.....	6,928	6,399	9,622	Other countries.....	162	648	327
Taiwan.....	3,778	3,531	6,306	Total.....	14,039	11,177	8,977
				Grand total.....	82,833	77,318	88,256

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 356.—Tea: Exports from principal producing countries, 1981-83

Continent and country	1981	1982	1983 <sup>1</sup>	Continent and country	1981	1982	1983 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>South America:</b>				<b>Asia and Oceania:</b>			
Argentina .....	25,830	33,083	44,733	Bangladesh .....	29,192	34,415	29,989
Brazil .....	8,209	8,969	8,135	China .....	91,968	105,818	125,062
Ecuador .....	617	428	526	Taiwan .....	15,868	10,051	11,572
Total .....	34,656	42,480	53,394	India .....	241,246	189,895	208,476
<b>Africa:</b>				Indonesia .....	71,259	63,660	68,624
Burundi .....	2,149	1,702	2,178	Iran <sup>2</sup> .....	2,889	987	1,500
Kenya .....	75,629	79,798	107,011	Japan .....	2,708	2,475	2,124
Malawi .....	31,527	37,082	36,090	Malaysia .....	246	272	300
Mauritius .....	4,040	4,590	4,935	Papua New Guinea .....	6,959	6,475	7,234
Mozambique .....	18,000	18,000	14,000	Sri Lanka .....	182,823	181,140	157,938
Rwanda .....	5,245	5,416	6,065	Turkey .....	3,315	380	567
Tanzania .....	14,086	13,622	16,601	Total .....	648,473	595,568	613,386
Uganda .....	501	1,198	1,333	Grand total .....	842,756	809,699	866,237
Zaire .....	2,090	3,035	3,000				
Zimbabwe .....	6,360	7,178	8,244				
Total .....	159,627	171,621	199,457				

<sup>1</sup> Preliminary. <sup>2</sup> Year ending March 21.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 357.—Mushrooms: Area, production, price, and value, United States, 1970-71-1983-84

Year <sup>1</sup>	Area in production	Production	Price per pound	Value of production		
				Total	Fresh market	Processing
	<i>1,000 sq. ft.</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1970-71 .....	87,490	206,810	43.3	89,620	31,688	57,932
1971-72 .....	93,798	231,373	46.2	106,882	38,386	68,496
1972-73 .....	102,315	254,002	43.3	109,975	42,596	67,379
1973-74 .....	107,584	279,493	44.1	123,354	58,407	64,947
1974-75 .....	110,921	299,081	49.2	147,242	76,552	70,690
1975-76 .....	114,711	309,816	61.7	191,098	102,234	88,864
1976-77 .....	117,692	347,129	73.7	255,678	124,613	131,065
1977-78 .....	135,101	398,703	77.1	307,588	172,159	135,429
1978-79 .....	146,738	454,007	79.7	361,800	217,770	144,030
1979-80 .....	150,758	470,069	78.4	368,597	245,201	123,396
1980-81 .....	140,346	469,576	79.8	374,499	260,439	114,060
1981-82 .....	141,326	517,146	81.0	418,706	308,805	109,901
1982-83 .....	135,395	490,826	87.9	431,421	338,048	93,373
1983-84 .....	142,810	561,531	86.6	486,388	374,327	112,061

<sup>1</sup> Marketing year begins July 1 and ends June 30 the following year. Statistical Reporting Service.

Table 358.—Mushrooms, canned: United States imports by country of origin, 1975-84

Country	1975	1976	1977	1978	1979	1980	1981 <sup>1</sup>	1982 <sup>1</sup>	1983 <sup>1</sup>	1984 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada .....	117	233	281	30	29	38	8	35	42	5
China .....	27	50	19	8	119	6,723	12,449	16,617	16,639	20,530
Taiwan .....	15,892	18,246	22,203	22,331	20,528	24,371	11,030	17,345	19,289	28,072
Costa Rica .....	68	41	128	583	330					0
Dominican Rep. ....	312	147	65	225	258	317	22	28		0
France .....	155	336	165	194	89	93	70	50	257	798
Hong Kong .....	117	110	1,586	4,369	6,593	8,879	10,651	7,379	7,745	10,128
Japan .....	775	774	485	406	240	206	167	114	179	355
Korea, Rep. of .....	6,348	10,492	8,512	11,643	12,946	8,803	4,276	2,350	3,624	5,283
Macao .....					335	902	1,040	1,511	1,500	854
Spain .....				88	237	46	78	16	1,047	6,967
Other .....	343	118	124	174	195	94	62	165	494	<sup>2</sup> 3,259
Total .....	24,154	30,547	33,568	40,051	41,899	50,472	39,853	45,610	50,816	76,251

See footnotes on page 237.



# CHAPTER VI

## STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

Chapter VI deals with hay, pasture, seeds, and various minor field crops. Table 368 shows the seeding rate for a number of specified crops. The State averages are based on surveys made in 1980. The United States average rates are derived by weighting the average for each State by the area planted to the particular crop. Rates are not shown for states where the crop is not estimated currently.

**Table 359.—Hay, all: Area, yield, production, disposition, and value, United States, 1970-84**

Year	Area harvested	Yield per acre	Production	Used on farms where produced	Sold	Season average price per ton received by farmers	Value of production
	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970 .....	61,467	2.07	126,969	102,619	24,350	26.10	3,076,382
1971 .....	61,355	2.10	129,132	104,064	25,068	28.10	3,335,209
1972 .....	59,680	2.15	128,565	102,792	25,773	31.30	3,729,522
1973 .....	61,828	2.17	134,217	107,002	27,215	41.60	5,003,991
1974 .....	60,195	2.10	126,384	100,897	25,487	50.90	5,790,715
1975 .....	61,353	2.16	132,397	105,874	26,523	52.10	6,458,070
1976 .....	60,377	1.99	120,125	94,675	25,450	60.20	6,814,924
1977 .....	60,988	2.17	132,211	105,133	27,078	53.70	6,826,411
1978 .....	62,113	2.32	143,817	115,544	28,273	49.80	6,663,678
1979 .....	61,279	2.40	147,307	118,846	29,001	59.40	7,345,466
1980 .....	58,870	2.22	130,740	( <sup>2</sup> )	( <sup>2</sup> )	71.00	8,084,666
1981 .....	59,599	2.39	142,520	( <sup>2</sup> )	( <sup>2</sup> )	67.30	9,181,300
1982 .....	59,812	2.50	149,241	( <sup>2</sup> )	( <sup>2</sup> )	69.30	9,529,516
1983 .....	59,717	2.36	140,764	( <sup>2</sup> )	( <sup>2</sup> )	75.80	9,970,565
1984 <sup>1</sup> .....	61,585	2.45	150,781	( <sup>2</sup> )	( <sup>2</sup> )	75.50	10,705,446

<sup>1</sup> Preliminary.    <sup>2</sup> Series discontinued.

Statistical Reporting Service.

**Table 360.—Hay, all: Stocks on farms, United States, 1970-85**

Year	Jan. 1	May 1	Year	Jan. 1	May 1
	<i>1,000 tons</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>1,000 tons</i>
1970 .....	89,365	24,056	1978 .....	92,136	24,184
1971 .....	87,651	22,200	1979 .....	99,024	30,108
1972 .....	89,445	25,472	1980 .....	107,707	33,192
1973 .....	88,790	24,311	1981 .....	91,689	25,374
1974 .....	93,159	25,353	1982 .....	99,160	24,981
1975 .....	84,687	18,505	1983 .....	103,996	28,118
1976 .....	86,411	25,541	1984 .....	89,280	20,148
1977 .....	77,651	19,540	1985 <sup>1</sup> .....	100,632	26,863

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 361.—Hay, all: Area, yield, and production, by States, 1982-84

State	Area harvested			Yield per harvested acre			Production		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ala.....	650	650	680	1.90	1.60	2.00	1,235	1,040	1,360
Ariz.....	185	170	175	6.71	6.81	6.74	1,241	1,157	1,180
Ark.....	870	885	900	1.83	1.59	1.73	1,596	1,411	1,559
Calif.....	1,470	1,480	1,530	5.21	4.97	5.13	7,656	7,352	7,854
Colo.....	1,360	1,470	1,430	2.34	2.28	2.32	3,176	3,357	3,311
Conn.....	89	86	91	2.27	2.28	2.33	202	196	212
Del.....	19	20	21	2.63	2.50	2.67	50	50	56
Fla.....	274	255	240	2.60	2.70	2.90	712	689	696
Ga.....	500	500	550	2.40	2.00	2.40	1,200	1,000	1,320
Idaho.....	1,340	1,420	1,400	3.32	3.46	3.39	4,446	4,914	4,743
Ill.....	1,130	1,120	1,220	3.20	2.45	3.18	3,615	2,749	3,880
Ind.....	795	790	815	3.08	2.89	2.88	2,447	1,891	2,344
Iowa.....	2,200	2,100	2,150	3.60	3.81	3.65	7,930	5,905	7,850
Kans.....	2,350	2,350	2,640	2.56	2.09	2.32	6,013	4,920	6,120
Ky.....	1,605	1,525	1,680	2.14	1.72	1.99	3,432	2,620	3,346
La.....	353	362	340	2.21	2.11	2.40	779	763	816
Maine.....	228	230	221	1.93	1.85	1.86	441	425	410
Md.....	230	226	230	2.59	2.50	2.76	596	566	634
Mass.....	119	123	126	2.39	2.54	2.38	284	313	300
Mich.....	1,370	1,400	1,750	3.17	3.19	3.02	4,347	4,470	5,285
Minn.....	2,870	2,830	2,800	2.88	2.94	3.01	8,264	8,316	8,440
Miss.....	750	675	680	2.10	2.00	1.90	1,575	1,350	1,292
Mo.....	3,230	3,160	3,450	1.90	1.72	1.84	6,139	5,440	6,338
Mont.....	2,450	2,170	2,200	2.01	1.86	1.72	4,915	4,041	3,780
Nebr.....	3,700	3,650	3,700	2.12	2.09	2.04	7,855	7,635	7,535
Nev.....	510	530	525	2.45	2.46	2.56	1,249	1,302	1,346
N.H.....	89	89	88	2.22	2.26	2.28	198	201	201
N.J.....	112	115	120	2.67	2.57	2.64	299	295	317
N.Mex.....	320	320	350	4.21	4.38	4.25	1,348	1,401	1,488
N.Y.....	2,300	2,270	2,260	2.30	2.33	2.37	5,283	5,284	5,366
N.C.....	395	390	410	1.68	1.46	1.79	664	570	733
N. Dak.....	2,800	2,900	2,900	1.75	1.54	1.54	4,913	4,478	4,468
Ohio.....	1,340	1,260	1,350	2.64	2.57	2.81	3,543	3,244	3,795
Okl.....	1,720	1,940	1,940	2.04	1.92	1.83	3,516	3,716	3,556
Oreg.....	1,070	1,110	1,105	2.77	2.81	2.82	2,967	3,121	3,112
Pa.....	2,000	1,970	1,980	2.42	2.35	2.57	4,840	4,620	5,082
R.I.....	11	11	10	2.09	2.27	2.30	23	25	23
S.C.....	220	215	230	2.20	1.80	2.30	484	387	529
S. Dak.....	4,150	4,040	4,310	1.83	1.88	1.88	7,610	7,592	8,083
Tenn.....	1,330	1,350	1,500	1.65	1.51	1.79	2,190	2,044	2,678
Tex.....	2,980	3,070	3,040	2.25	2.44	1.78	6,708	7,486	5,415
Utah.....	608	595	610	3.52	3.45	3.54	2,142	2,055	2,160
Vt.....	445	445	440	2.10	2.08	2.13	934	926	938
Va.....	1,010	1,040	1,058	1.66	1.49	1.72	1,677	1,546	1,816
Wash.....	800	790	800	3.28	3.34	3.65	2,622	2,635	2,921
W. Va.....	630	640	630	1.40	1.35	1.79	882	864	1,128
Wis.....	3,650	3,800	3,700	3.49	3.21	3.45	12,753	12,200	12,770
Wyo.....	1,185	1,180	1,210	1.90	1.87	1.81	2,250	2,202	2,195
U.S.....	59,812	59,717	61,585	2.50	2.36	2.45	149,241	140,764	150,781

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 362.—Hay, alfalfa and alfalfa mixtures: Area, yield, and production, by States, 1982-84

State	Area harvested			Yield per harvested acre			Production		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ariz.....	160	145	150	7.30	7.30	7.20	1,168	1,059	1,080
Ark.....	50	60	35	2.40	2.20	2.50	120	132	88
Calif.....	960	950	1,020	6.70	6.40	6.50	6,432	6,080	6,630
Colo.....	710	720	770	3.10	3.10	3.10	2,201	2,232	2,387
Conn.....	23	22	23	2.75	2.65	2.70	63	58	62
Del.....	7	7	7	3.80	3.40	3.70	27	24	26
Idaho.....	1,020	1,030	1,050	3.70	3.90	3.75	3,774	4,017	3,938
Ill.....	690	650	800	3.90	3.00	3.80	2,691	1,950	3,040
Ind.....	385	390	420	3.80	2.90	3.70	1,463	1,131	1,554
Iowa.....	1,700	1,550	1,650	3.90	3.10	4.00	6,630	4,805	6,600
Kans.....	1,000	930	960	3.65	3.00	3.40	3,650	2,790	3,264
Ky.....	225	225	230	3.60	2.40	3.20	810	540	736
La.....	13	12	12	2.40	2.30	2.40	31	28	29
Maine.....	25	27	27	2.60	2.60	2.60	65	70	70
Md.....	75	76	80	3.60	3.30	3.70	270	251	296
Mass.....	29	29	30	2.80	3.00	2.80	81	87	84
Mich.....	1,050	1,100	1,400	3.50	3.60	3.30	3,675	3,960	4,620
Minn.....	1,950	1,900	1,900	3.20	3.30	3.40	6,240	6,270	6,460
Mo.....	540	480	450	2.90	2.40	2.75	1,566	1,152	1,238
Mont.....	1,350	1,170	1,150	2.50	2.30	2.10	3,375	2,691	2,415
Nebr.....	1,600	1,550	1,600	3.40	3.30	3.20	5,440	5,115	5,120
Nev.....	225	230	235	3.65	3.90	4.00	821	897	940
N.H.....	18	19	19	2.70	3.00	2.80	49	57	53
N.J.....	50	45	45	3.50	3.60	3.70	175	162	167
N. Mex.....	250	250	260	5.00	5.10	5.10	1,250	1,275	1,326
N.Y.....	975	930	940	2.70	2.80	2.90	2,633	2,604	2,726
N.C.....	35	30	40	2.50	2.20	2.60	88	66	104
N. Dak.....	1,550	1,550	1,550	2.00	1.80	1.75	3,100	2,790	2,713
Ohio.....	490	460	600	3.50	3.40	3.70	1,715	1,564	2,220
Okla.....	370	340	340	3.30	3.40	3.40	1,221	1,156	1,156
Oreg.....	420	440	445	4.20	4.20	4.10	1,764	1,848	1,825
Pa.....	840	850	840	3.00	2.80	3.20	2,520	2,380	2,688
R.I.....	3	3	3	2.75	2.90	2.70	8	9	8
S. Dak.....	2,250	2,340	2,480	2.20	2.30	2.30	4,950	5,382	5,704
Tenn.....	130	140	150	3.00	2.50	3.00	390	350	450
Tex.....	180	170	190	4.60	4.80	4.50	828	816	855
Utah.....	470	455	470	4.00	3.90	4.00	1,880	1,775	1,880
Vt.....	110	105	115	2.70	2.50	2.50	297	263	288
Va.....	95	90	88	3.20	2.40	3.00	304	216	264
Wash.....	460	440	475	4.00	4.00	4.30	1,840	1,760	2,043
W. Va.....	90	100	100	2.60	2.70	2.80	234	270	280
Wis.....	3,050	3,200	3,150	3.65	3.40	3.60	11,133	10,880	11,340
Wyo.....	565	500	510	2.50	2.50	2.45	1,413	1,250	1,250
U.S.....	26,188	25,710	26,809	3.38	3.20	3.36	88,385	82,212	90,017

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 363.—Hay, all other: Area, yield, and production, by States, 1982-84

State	Area harvested			Yield per harvested acre			Production		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ala.....	650	650	680	1.90	1.60	2.00	1,235	1,040	1,360
Ariz.....	25	25	25	2.90	3.90	4.00	73	98	100
Ark.....	820	825	865	1.30	1.55	1.70	1,476	1,279	1,471
Calif.....	510	530	510	2.40	2.40	2.40	1,224	1,272	1,224
Colo.....	650	750	660	1.50	1.50	1.40	975	1,125	924
Conn.....	66	64	68	2.10	2.15	2.20	139	138	150
Del.....	12	13	14	1.90	2.00	2.15	23	26	30
Fla.....	274	255	240	2.60	2.70	2.90	712	689	696
Ga.....	500	500	550	2.40	2.00	2.40	1,200	1,000	1,320
Idaho.....	320	390	350	2.10	2.30	2.30	672	897	805

See footnotes at end of table.

Table 363.—Hay, all other: Area, yield, and production, by States, 1982-84—Continued

State	Area harvested			Yield per harvested acre			Production		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ill.....	440	470	420	2.10	1.70	2.00	924	799	840
Ind.....	410	400	395	2.40	1.90	2.00	984	760	790
Iowa.....	500	550	500	2.60	2.00	2.50	1,300	1,100	1,250
Kans.....	1,350	1,420	1,680	1.75	1.50	1.70	2,363	2,130	2,856
Ky.....	1,380	1,300	1,450	1.90	1.60	1.80	2,622	2,080	2,610
La.....	340	350	328	2.20	2.10	2.40	748	735	787
Maine.....	203	203	194	1.85	1.75	1.75	376	355	340
Md.....	155	150	150	2.10	2.10	2.25	326	315	338
Mass.....	90	94	96	2.25	2.40	2.25	203	226	216
Mich.....	320	300	350	2.10	1.70	1.90	672	510	665
Minn.....	920	930	900	2.20	2.20	2.20	2,024	2,046	1,980
Miss.....	750	675	680	2.10	2.00	1.90	1,575	1,350	1,292
Mo.....	2,690	2,680	3,000	1.70	1.60	1.70	4,573	4,288	5,100
Mont.....	1,100	1,000	1,050	1.40	1.35	1.30	1,540	1,350	1,365
Nebr.....	2,100	2,100	2,100	1.15	1.20	1.15	2,415	2,520	2,415
Nev.....	285	300	290	1.50	1.25	1.40	428	405	406
N.H.....	71	70	69	2.10	2.05	2.15	149	144	148
N.J.....	62	70	75	2.00	1.90	2.00	124	133	150
N. Mex.....	70	70	90	1.40	1.80	1.80	98	126	162
N.Y.....	1,325	1,340	1,320	2.00	2.00	2.00	2,650	2,680	2,640
N.C.....	360	360	370	1.60	1.40	1.70	576	504	629
N. Dak.....	1,250	1,350	1,350	1.45	1.25	1.30	1,813	1,688	1,755
Ohio.....	850	800	750	2.15	2.10	2.10	1,828	1,680	1,575
Okl.....	1,350	1,600	1,600	1.70	1.60	1.50	2,295	2,560	2,400
Oreg.....	650	670	660	1.85	1.90	1.95	1,203	1,273	1,287
Pa.....	1,160	1,120	1,140	2.00	2.00	2.10	2,320	2,240	2,394
R.I.....	8	8	7	1.90	2.00	2.20	15	16	15
S.C.....	220	215	230	2.20	1.80	2.30	484	387	529
S. Dak.....	1,900	1,700	1,830	1.40	1.30	1.30	2,660	2,210	2,379
Tenn.....	1,200	1,210	1,350	1.50	1.40	1.65	1,800	1,694	2,228
Tex.....	2,800	2,900	2,850	2.10	2.30	1.60	5,880	6,670	4,560
Utah.....	138	140	140	1.90	2.00	2.00	262	280	280
Vt.....	335	340	325	1.90	1.95	2.00	637	663	650
Va.....	915	950	970	1.50	1.40	1.60	1,373	1,330	1,552
Wash.....	340	350	325	2.30	2.50	2.70	782	875	878
W. Va.....	540	540	530	1.20	1.10	1.60	648	594	848
Wis.....	600	600	550	2.70	2.20	2.60	1,620	1,320	1,430
Wyo.....	620	680	700	1.35	1.40	1.35	837	952	945
U.S.....	33,624	34,007	34,776	1.81	1.72	1.75	60,856	58,552	60,764

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 364.—Hay: Supply and disappearance, prices, and number of animal units fed annually, United States, 1970-84

Year beginning May	Farm carry-over May 1	Production	Total supply	Disappearance	Roughage-consuming animal units	Supply per animal unit	Disappearance per animal unit	Price received per ton
	Million tons	Million tons	Million tons	Million tons	Million units	Tons	Tons	Dollars
1970.....	24.1	127.0	151.1	128.9	89.9	1.68	1.43	26.10
1971.....	22.2	129.1	151.3	125.8	91.1	1.66	1.38	28.10
1972.....	25.5	128.6	154.1	129.8	93.2	1.65	1.39	31.30
1973.....	24.3	134.2	158.5	133.1	99.5	1.59	1.34	41.60
1974.....	25.4	126.4	151.8	133.3	103.8	1.46	1.28	50.90
1975.....	18.5	132.4	150.9	125.4	98.2	1.54	1.28	52.10
1976.....	25.5	120.1	145.6	126.1	94.8	1.54	1.33	60.20
1977.....	19.5	132.2	151.7	127.5	89.5	1.69	1.42	53.70
1978.....	24.2	143.8	168.0	137.9	86.0	1.95	1.60	49.80
1979.....	30.1	147.3	177.4	144.6	87.5	2.03	1.65	59.40
1980.....	33.2	130.7	163.9	138.5	89.9	1.82	1.54	71.00
1981.....	25.4	142.5	167.9	142.9	91.8	1.83	1.56	67.30
1982.....	25.0	149.2	174.2	146.1	90.2	1.93	1.62	69.30
1983.....	28.1	140.8	168.9	148.8	89.3	1.89	1.67	75.80
1984 <sup>1</sup> .....	20.1	150.8	170.9	144.0	85.9	1.99	1.68	73.80

<sup>1</sup> Preliminary.

Economic Research Service.



Table 365.—Hay, all: Season average price and value of production, by States, crop of 1982, 1983, and 1984

State	Season average price per ton, baled			Value of production		
	1982	1983	1984	1982	1983	1984
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.....	59.00	63.50	62.00	72,865	66,040	84,320
Ariz.....	73.50	93.00	85.50	91,214	107,601	100,890
Ark.....	47.00	59.00	60.50	75,012	83,249	94,320
Calif.....	86.50	90.50	83.50	662,244	665,356	655,809
Colo.....	66.00	69.50	77.00	209,616	233,312	254,947
Conn.....	95.00	94.00	97.00	19,190	18,424	20,564
Del.....	90.00	107.00	99.00	4,500	5,350	5,544
Fla.....	69.50	74.50	74.00	49,484	51,331	51,504
Ga.....	60.00	63.50	62.00	72,000	63,500	81,840
Idaho.....	69.50	71.50	70.00	308,997	351,351	332,010
Ill.....	65.50	90.50	77.00	236,783	248,785	298,760
Ind.....	67.50	88.50	71.50	165,173	167,354	167,596
Iowa.....	53.50	72.00	64.00	424,255	425,160	502,400
Kans.....	57.00	74.00	78.00	342,741	364,080	477,360
Ky.....	66.00	84.00	80.00	226,512	220,080	267,680
La.....	50.00	49.00	54.00	38,950	37,387	44,064
Maine.....	64.00	69.00	82.00	28,224	29,325	33,620
Md.....	90.00	106.00	101.00	53,640	59,996	64,034
Mass.....	89.00	92.00	96.50	25,276	28,796	28,950
Mich.....	54.50	57.50	51.50	236,912	257,025	272,178
Minn.....	67.50	61.00	64.50	557,820	507,276	544,380
Miss.....	50.00	45.00	50.00	78,750	60,750	64,600
Mo.....	58.00	67.50	71.50	356,062	367,200	453,167
Mont.....	50.00	63.00	78.50	245,750	254,583	296,730
Nebr.....	46.00	51.00	52.50	361,330	389,385	395,588
Nev.....	86.50	91.00	73.00	108,039	118,482	98,258
N.H.....	87.00	94.00	100.00	17,226	18,894	20,100
N.J.....	97.50	99.00	97.50	29,153	29,205	30,908
N. Mex.....	75.00	90.00	100.00	101,100	126,090	148,800
N.Y.....	77.00	82.00	83.50	406,791	433,288	448,061
N.C.....	61.00	61.00	70.00	40,504	34,770	51,310
N. Dak.....	41.50	39.00	45.00	203,890	174,642	201,060
Ohio.....	89.00	90.00	85.00	315,327	291,960	322,575
Okla.....	60.00	65.50	80.00	210,960	243,398	284,480
Oreg.....	75.00	75.00	73.50	222,525	234,075	228,732
Pa.....	89.00	98.00	91.00	430,760	452,760	462,462
R.I.....	95.00	95.00	105.00	2,185	2,375	2,415
S.C.....	70.00	70.00	76.50	33,880	27,090	40,469
S. Dak.....	38.50	40.50	48.50	292,985	307,476	392,026
Tenn.....	47.50	49.50	52.00	104,025	101,178	139,256
Tex.....	72.50	77.50	98.50	486,390	580,165	533,378
Utah.....	66.00	77.00	73.50	141,372	158,235	158,760
Vt.....	84.00	88.00	84.00	78,456	81,488	78,792
Va.....	76.50	93.00	84.00	128,291	143,778	152,544
Wash.....	77.00	78.50	77.00	201,894	206,848	224,917
W. Va.....	64.00	71.00	70.00	56,448	61,344	78,960
Wis.....	66.50	77.00	68.00	848,075	939,400	868,360
Wyo.....	56.00	64.00	66.50	126,000	140,928	145,968
U.S.....	69.30	75.80	75.50	9,529,516	9,970,565	10,705,446

Statistical Reporting Service.

Table 366.—Hay: Area and production, by kinds, United States, 1970-84

Year	Alfalfa	Clover and timothy	Lespedeza	Soybean	Cowpea	Peanut-vine	Grains cut green for hay	Wild hay	Other hay	All other hay	All hay
Area harvested											
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1970 .....	27,276	12,913	1,098	( <sup>1</sup> )	( <sup>1</sup> )	312	2,762	8,549	8,656	34,191	61,457
1971 .....	27,599	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	33,756	61,355
1972 .....	27,187									32,493	59,680
1973 .....	27,826									34,002	61,828
1974 .....	26,877									33,318	60,195
1975 .....	27,288									34,065	61,353
1976 .....	26,674									33,703	60,377
1977 .....	27,150									33,838	60,988
1978 .....	27,864									34,249	62,113
1979 .....	27,550									33,729	61,279
1980 .....	26,174									32,696	58,870
1981 .....	26,243									33,356	59,599
1982 .....	26,188									33,624	59,812
1983 .....	25,710									34,007	59,717
1984 <sup>3</sup> .....	26,809									34,776	61,585
Production											
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1970 .....	75,573	23,403	1,615	( <sup>1</sup> )	( <sup>1</sup> )	237	3,920	8,161	14,188	51,396	126,969
1971 .....	77,285	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	51,847	129,132
1972 .....	78,226									50,339	128,565
1973 .....	78,805									55,412	134,217
1974 .....	74,368									52,016	126,384
1975 .....	78,183									54,214	132,397
1976 .....	69,960									50,165	120,125
1977 .....	80,814									51,397	132,211
1978 .....	87,294									56,523	143,817
1979 .....	88,110									59,197	147,307
1980 .....	79,963									50,777	130,740
1981 .....	83,696									58,824	142,520
1982 .....	88,385									60,856	149,241
1983 .....	82,212									58,552	140,764
1984 <sup>3</sup> .....	90,017									60,764	150,781

<sup>1</sup> Included in "Other hay" in 1970.    <sup>2</sup> Not estimated separately; included in "All other hay."<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 367.—Pasture and range: Condition,<sup>1</sup> first of month, United States, 1970-84

Year	April <sup>2 3</sup>	May	June	July	August	September	October	November	December <sup>2</sup>
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1970 .....	<sup>4</sup> 79	84	85	86	76	73	80	81	.....
1971 .....	<sup>5</sup> 70	75	80	80	77	77	80	83	.....
1972 .....	<sup>4</sup> 78	78	84	82	81	81	80	81	<sup>5</sup> 80
1973 .....	<sup>5</sup> 80								
1974 .....	<sup>4</sup> 86	87	87	87	83	78	82	83	<sup>5</sup> 81
1975 .....	<sup>5</sup> 86								
1976 .....	<sup>4</sup> 79	81	84	82	66	71	75	70	<sup>5</sup> 71
1977 .....	<sup>5</sup> 79								
1978 .....	<sup>4</sup> 77	76	86	88	80	76	80	77	<sup>5</sup> 74
1979 .....	<sup>5</sup> 75								
1980 .....	<sup>4</sup> 73	79	77	75	70	61	63	66	<sup>5</sup> 64
1981 .....	<sup>5</sup> 74								
1982 .....	<sup>4</sup> 68	76	74	68	64	71	76	75	<sup>5</sup> 72
1983 .....	<sup>5</sup> 66								
1984 .....	<sup>4</sup> 68	75	85	85	77	75	77	73	<sup>5</sup> 70
1970 .....	<sup>5</sup> 71								
1971 .....	<sup>4</sup> 75	84	87	86	84	86	81	77	<sup>5</sup> 75
1972 .....	<sup>5</sup> 77								
1973 .....	<sup>4</sup> 76	80	81	78	60	61	63	65	<sup>5</sup> 63
1974 .....	<sup>5</sup> 77								
1975 .....	<sup>4</sup> 70	79	80	84	82	82	80	80	<sup>5</sup> 78
1976 .....	<sup>5</sup> 67								
1977 .....	<sup>4</sup> 81	79	87	90	86	82	81	80	.....
1978 .....	<sup>5</sup> 81								
1979 .....	84	80	85	88	76	63	66	73	.....
1980 .....	74	75	79	80	75	70	66	74	.....

See footnotes on page 249.

Table 368.—Seeding rates: Quantity of seed

State	Corn <sup>1</sup>	Winter wheat	Durum wheat	Other spring wheat	Oats	Barley	Rye
	<i>Kernels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>
Alabama .....	21,000	1.8			2.8		
Arizona .....	28,600	2.2	2.2			2.5	
Arkansas .....	20,000	1.8			2.8		
California .....	27,000	1.9	2.0		2.9	2.0	
Colorado .....	25,600	.65		1.4	2.2	1.6	0.85
Connecticut .....	24,600						
Delaware .....	19,900	1.9				2.1	1.9
Florida .....	19,900	1.7					
Georgia .....	19,300	1.7			2.9		1.9
Idaho .....	26,200	1.2		1.6	2.5	1.8	
Illinois .....	23,200	1.7			2.7		1.6
Indiana .....	22,700	1.9			2.3		1.6
Iowa .....	22,600	1.6			3.1		1.6
Kansas .....	22,500	.95			2.1	1.3	.95
Kentucky .....	20,200	1.7			2.0	1.8	1.6
Louisiana .....	19,000	1.8					
Maine .....	23,800				2.7		
Maryland .....	21,000	1.9			2.5	2.1	1.8
Massachusetts .....	24,300						
Michigan .....	20,700	2.0			2.4	2.0	1.8
Minnesota .....	21,900	1.5	1.6	1.6	2.8	1.8	1.4
Mississippi .....	18,500	1.8					
Missouri .....	19,100	1.7			2.3		1.6
Montana .....	22,300	.95	1.1	1.0	1.8	1.3	
Nebraska .....	22,200	1.1			2.6	1.7	1.2
Nevada .....		1.6		1.8		2.2	
New Hampshire .....	24,100						
New Jersey .....	21,100	2.0			2.4	2.2	1.8
New Mexico .....	23,000	.70				1.9	
New York .....	23,900	2.3			2.5		2.1
North Carolina .....	20,300	1.7			2.7	2.1	1.6
North Dakota .....	19,600	1.1	1.5	1.3	2.0	1.5	1.2
Ohio .....	23,300	2.2			2.7		1.9
Oklahoma .....	21,900	1.1			2.2	1.3	1.3
Oregon .....	25,300	1.2		1.2	2.6	1.7	1.1
Pennsylvania .....	21,700	2.2			2.7	2.2	2.0
Rhode Island .....	24,000						
South Carolina .....	20,700	1.7			2.8	2.1	1.8
South Dakota .....	16,000	1.0	1.4	1.3	2.6	1.7	1.3
Tennessee .....	18,300	1.9			2.4		
Texas .....	23,000	.90			2.3	1.2	.95
Utah .....	30,200	1.2		1.6	2.5	2.1	
Vermont .....	24,400						
Virginia .....	20,940	1.8			2.5	2.2	1.8
Washington .....	26,900	1.1		1.3	2.8	1.7	
West Virginia .....	20,700	2.0			2.3	2.0	
Wisconsin .....	21,200	1.7		1.7	2.8	2.0	1.6
Wyoming .....	24,000	.90		1.2	2.2	1.9	
United States .....	21,910	1.15	1.50	1.32	2.57	1.63	1.58

<sup>1</sup> Approximately 1,650 kernels per pound.<sup>2</sup> Shelled basis (multiply by 1.33 to obtain unshelled basis).<sup>3</sup> Fuzzy, non-delinted equivalent basis.

Statistical Reporting Service. United States average is rate of seeding weighted by final 1984 area planted, by States except for winter wheat and rye which are weighted by preliminary 1985 area planted in 1984.

used per acre for specified crops, by States

Flaxseed	Sorghum	Soybeans	Dry Beans	Sunflow-ers	Rice	Potatoes (Irish)	Sweet-potatoes	Peanuts <sup>2</sup>	Cotton <sup>3</sup>
<i>Pounds</i>	<i>Pounds</i>	<i>Bushels</i>	<i>Pounds</i>	<i>Seeds</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Pounds</i>	<i>Pounds</i>
	18.0	0.90				14.2	4.0	100	26
	12.5					15.0			18
	8.3	.90			135				25
	17.0		58		155	20.6	5.0		22
	6.6		34			21.8			
						19.3			
		.90				15.1			
		.90				21.5		99	23
	17.5	.90					6.4	110	23
			97			20.0			
	11.7	.95				16.0			
	15.0	.95				19.4			
	11.2	.95				14.1			
	5.6	.90	40						
	15.0	1.10							
	11.1	.90			135	8.2	8.0		21
						21.5			
		.90				15.0	6.4		
						20.0			
		.95	48			20.0			
48		1.00	55	21,000		16.2			21
	9.1	.85			115		11.0		29
	7.8	.90			145				
			58			18.0			
			61			22.1			
	5.8	.95				20.0			28
		1.30				18.0	6.7		
	8.0					16.9		73	27
			76			23.9			
	13.0	.95				12.9	13.5	105	17
41		1.10	56	19,800		14.5			
		1.20				20.5			
	8.8	.85						83	21
						21.1			
		1.50				19.0			
						22.6			
	13.0	.85					8.0	93	17
49	7.4	.95		18,300		12.0			
	15.0	.85				11.0	13.0		
	7.4	.85		20,500	115	12.8	12.0	64	26
			13			21.4			29
						20.0			
	13.2	1.00				13.3	12.5	105	25
			83			20.9			
		1.20				16.7			
			73			17.9			
43	7.49	.95	57	19,650	134	19.0	9.9	98	24



Table 369.—Pasture and range: Condition,<sup>1</sup> June 1 and Sept. 1, by States, average 1973-82, annual 1983 and 1984

State	Condition June 1			Condition Sept. 1			State	Condition June 1			Condition Sept. 1		
	Average 1973-82	1983	1984	Average 1973-82	1983	1984		Average 1973-82	1983	1984	Average 1973-82	1983	1984
	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent		Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent
Ala.....	83	83	83	77	60	86	Nev.....	83	102	84	79	102	95
Ariz.....	77	87	63	70	87	96	N.H.....	91	95	89	83	73	91
Ark.....	87	89	90	71	49	65	N.J.....	88	91	90	78	51	87
Calif.....	82	100	80	78	92	81	N. Mex.....	73	78	68	75	65	92
Colo.....	76	90	83	74	87	84	N.Y.....	88	88	91	78	71	81
Conn.....	90	94	92	79	61	93	N.C.....	87	89	91	77	42	91
Del.....	87	90	89	75	67	93	N. Dak.....	70	85	75	67	69	56
Fla.....	71	77	67	83	82	88	Ohio.....	87	90	87	85	48	80
Ga.....	79	76	86	74	44	85	Okla.....	88	90	80	72	59	50
Idaho.....	85	93	88	82	97	95	Oreg.....	86	99	92	83	98	88
Ill.....	89	90	92	80	27	62	Pa.....	89	92	91	80	51	92
Ind.....	90	91	87	85	38	71	R.I.....	92	94	88	82	86	97
Iowa.....	87	87	92	79	32	67	S.C.....	79	78	85	72	36	87
Kans.....	87	90	91	72	47	61	S. Dak.....	72	87	86	65	80	83
Ky.....	89	94	91	87	34	77	Tenn.....	89	93	91	79	47	85
La.....	80	85	72	75	80	84	Tex.....	78	67	39	64	61	42
Maine.....	90	94	88	81	83	91	Utah.....	82	82	83	76	107	95
Md.....	86	91	87	77	41	90	Vt.....	89	92	91	79	81	88
Mass.....	92	93	92	80	74	89	Va.....	88	95	93	80	45	97
Mich.....	86	85	90	78	70	63	Wash.....	84	93	90	78	97	85
Minn.....	78	77	85	72	76	72	W. Va.....	83	90	86	84	54	87
Miss.....	84	81	80	77	70	78	Wis.....	86	83	90	75	74	78
Mo.....	86	89	91	69	24	40	Wyo.....	85	92	86	81	94	91
Mont.....	80	85	65	79	74	54	U.S.....	83	85	79	75	63	90
Nebr.....	84	88	87	73	73	73							

<sup>1</sup> Numerical equivalent of condition: 80 and over, good to excellent; 65-79, poor to fair; 50-64, very poor; 35-49, severe drought; and under 35, extreme drought.  
Statistical Reporting Service.

Table 370.—Field seeds: Average retail price paid by farmers for seed, Sept. 15, United States, 1976-84

Kind of seed	1976	1977	1978	1979	1980	1981	1982	1983	1984
Price per 100 pounds									
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Alfalfa, uncertified varieties.....	122.00	158.00	165.00	175.00	178.00	170.00	156.00	172.00	163.00
Alfalfa, certified varieties.....	145.00	182.00	190.00	210.00	219.00	217.00	205.00	212.00	227.00
Red clover.....	100.00	110.00	121.00	116.00	111.00	115.00	127.00	157.00	143.00
Alsike clover.....	71.00	88.00	64.00						
Ladino clover.....	210.00	220.00	220.00	235.00	260.00	313.00	331.00	350.00	366.00
Crimson clover.....	73.00	59.00	77.00	82.50	93.00	85.60	62.10	90.20	92.00
Timothy.....	49.00	75.00	97.50	94.00	91.50	88.10	59.90	70.90	69.10
Orchardgrass.....	58.00	62.00	69.50	88.00	92.00	97.90	97.60	97.70	91.40
Blue Grass, Kentucky:									
Public and common.....				155.00	156.00	139.00	99.00	90.00	95.00
Proprietary, including Merion.....				218.00	220.00	204.00	180.00	140.00	140.00
Tall fescue.....	40.00	50.00	47.50	52.50	47.50	62.30	59.00	69.40	59.30
Ryegrass, annual.....	31.00	28.00	28.50	29.00	28.50	35.20	36.70	37.80	37.10
Ryegrass, perennial.....	46.00	56.00	60.50	75.50	87.50	91.40	86.40	77.00	70.80
Hairy vetch.....	48.00	49.00	56.00	65.50	64.00	70.40	67.50	72.80	61.00
Price per bushel									
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Wheat (winter).....	6.00	4.40	5.90	7.40	7.40	7.41	7.42	7.28	7.40
Oats (winter).....	3.75	3.60	3.25	3.95	4.60	4.82	5.18	5.10	5.36
Barley (winter).....	4.95	4.30	4.70	5.40	5.70	6.09	6.14	6.28	6.65
Rye.....	6.00	5.20	4.90	6.20	6.60	6.76	6.73	6.62	6.90

Statistical Reporting Service.

Table 371.—Field seeds: Average retail price paid by farmers for seed, Apr. 15, United States, 1976-85

Kind of seed	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Price per 100 pounds										
	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>
Alfalfa, uncertified varieties.....	99.00	153.00	168.00	180.00	174.00	172.00	153.00	163.00	156.00	149.00
Alfalfa, certified varieties.....	116.00	177.00	194.00	215.00	213.00	218.00	202.00	208.00	219.00	219.00
Red clover.....	90.00	108.00	128.00	115.00	110.00	117.00	126.00	160.00	145.00	121.00
Alsike clover.....	63.00	89.50	67.00	.....	.....	.....	.....	.....	.....	.....
Sweetclover.....	36.00	38.50	39.00	.....	.....	.....	.....	.....	.....	.....
Ladino clover.....	210.00	220.00	220.00	280.00	250.00	317.00	326.00	346.00	364.00	355.00
Lespedeza, Korean.....	48.00	62.50	74.00	66.00	52.00	82.00	75.10	72.10	85.70	115.00
Lespedeza, Striate, Kobe.....	73.00	93.50	107.00	96.00	71.00	104.00	96.00	103.00	137.00	109.00
Lespedeza, Sericea.....	91.00	226.00	301.00	157.00	106.00	128.00	115.00	91.10	198.00	210.00
Timothy.....	37.00	60.00	124.00	98.00	80.00	98.20	62.00	69.20	69.30	58.80
Orchardgrass.....	53.00	62.00	70.00	85.00	95.00	98.00	101.00	96.10	94.70	80.90
Blue Grass, Kentucky: Public and common.....	.....	.....	.....	125.00	160.00	129.00	107.00	89.00	91.00	103.00
Proprietary, including Merion.....	.....	.....	.....	220.00	205.00	177.00	184.00	150.00	143.00	147.00
Ryegrass, annual.....	28.00	35.00	32.00	32.00	35.50	37.80	37.20	39.20	39.00	37.30
Tall fescue.....	32.50	47.50	62.00	40.00	49.50	65.40	59.50	73.80	72.90	53.10
Sudangrass.....	28.00	34.50	32.00	33.00	33.50	40.70	45.10	45.00	42.40	43.50
Potatoes.....	7.40	5.63	5.00	4.60	4.90	11.00	8.10	6.90	8.76	8.06
Peanuts.....	43.50	52.00	53.00	54.00	64.00	<sup>1</sup> 80.00	<sup>1</sup> 58.00	60.50	71.60	61.30
Sunflower <sup>2</sup> .....	.....	.....	.....	155.00	165.00	181.00	200.00	211.00	254.00	257.00
Cottonseed.....	28.50	30.30	31.00	33.10	35.20	40.60	41.60	42.80	48.00	48.20
Grain sorghums, hybrid.....	37.50	41.00	43.00	41.00	45.00	49.40	61.50	65.30	64.20	66.10
Forage sorghums.....	21.50	27.50	22.50	23.80	27.00	32.30	.....	.....	.....	.....
Price per bushel										
	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>
Corn, hybrid.....	36.50	40.00	43.00	45.50	52.50	60.00	63.70	64.60	70.20	71.80
Wheat (spring).....	6.50	5.20	5.10	5.40	6.60	7.22	6.89	6.69	6.37	6.10
Oats (spring).....	3.40	3.70	3.10	3.20	3.95	4.42	4.51	4.37	4.52	4.18
Barley (spring).....	5.10	4.60	4.10	4.20	4.90	5.95	5.60	5.22	5.31	5.10
Soybeans for seed.....	7.40	13.00	11.50	12.00	10.40	14.00	10.70	10.10	13.40	11.90
Flaxseed.....	10.50	11.00	7.00	10.00	9.80	12.90	11.20	9.24	9.82	9.80

<sup>1</sup> Revised.<sup>2</sup> Estimates beginning 1979.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 367

<sup>1</sup> Numerical equivalent of condition: 80 and over, good to excellent; 65-79, poor to fair; 50-64, very poor; 35-49, severe drought; and under 35, extreme drought.<sup>2</sup> Excludes Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.<sup>3</sup> Also excludes Idaho, Iowa, Montana, Nebraska, North Dakota, South Dakota, and Wyoming for 1970-71.<sup>4</sup> 30 States (April only).<sup>5</sup> 37 States (April and December only).

Statistical Reporting Service.

Table 372.—Beans, dry edible: Area, yield, production, disposition, and value, United States, 1970-84<sup>1 2</sup>

Year	Area planted	Area harvested	Yield per harvested acre <sup>3</sup>	Production <sup>3</sup>	Used on farms where produced	Sold	Season average price per 100 pounds received by farmers <sup>4</sup>	Value of production <sup>4</sup>
	1,000 acres	1,000 acres	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
1970.....	1,503	1,409	1,235	17,399	140	17,259	9.21	160,332
1971.....	1,338	1,296	1,230	15,939	139	15,800	10.90	173,971
1972.....	1,456	1,371	1,312	17,983	152	17,831	11.00	198,335
1973.....	1,358.7	1,331.7	1,222	16,274	157	16,117	27.30	444,945
1974.....	1,587.4	1,517.8	1,339	20,330	163	20,167	19.80	402,867
1975.....	1,514.2	1,466.1	1,190	17,442	152	17,290	20.10	350,988
1976.....	1,531.8	1,489.3	1,198	17,836	149	17,687	15.50	276,876
1977.....	1,402.7	1,269.9	1,304	16,555	136	16,419	20.20	333,821
1978.....	1,503.9	1,454.4	1,302	18,935	134	18,801	17.30	327,512
1979.....	1,427.0	1,387.7	1,481	20,552	( <sup>5</sup> )	( <sup>5</sup> )	22.80	468,098
1980.....	1,920.0	1,859.0	1,438	26,729	( <sup>5</sup> )	( <sup>5</sup> )	27.60	737,447
1981.....	2,390.0	2,270.0	1,443	32,751	( <sup>5</sup> )	( <sup>5</sup> )	21.00	688,471
1982.....	1,924.5	1,777.0	1,439	25,563	( <sup>5</sup> )	( <sup>5</sup> )	14.20	363,809
1983.....	1,180.0	1,138.7	1,363	15,520	( <sup>5</sup> )	( <sup>5</sup> )	22.40	347,867
1984 <sup>6</sup> .....	1,497.0	1,456.3	1,425	20,754	( <sup>5</sup> )	( <sup>5</sup> )	18.00	373,785

<sup>1</sup> Figures include principal producing States only.<sup>2</sup> Excludes beans grown for garden seed.<sup>3</sup> Cleaned basis.<sup>4</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.<sup>5</sup> Estimates discontinued.<sup>6</sup> Preliminary.

Statistical Reporting Service.

Table 373.—Beans, dry edible (cleaned basis): Production, by classes, United States, 1982-84<sup>1</sup>

Class	1982	1983	1984 <sup>2</sup>	Class	1982	1983	1984 <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.	1,000 cwt.
Pea (navy).....	7,937	4,618	4,966	Black turtle soup.....	259	48	109
Great northern.....	2,896	1,940	2,404	Large lima.....	580	463	630
Small white.....	257	381	646	Baby lima.....	530	472	529
Pinto.....	7,217	4,372	7,169	Blackeye, California.....	1,050	623	840
Red kidney.....	2,027	997	1,389	Garbanzo.....	60	47	14
Pink.....	880	639	841	Other.....	921	333	732
Small red.....	529	302	345	Total.....	25,563	15,520	20,754
Cranberry.....	420	285	140				

<sup>1</sup> Excludes beans grown for garden seed.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 374.—Beans, dry edible: Area, yield, and production, by States, 1982-84 <sup>1</sup>

State	Area planted			Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Calif.....	238.0	146.0	191.0	210.0	143.0	184.0	1,707	1,687	1,684	3,585	2,412	3,099
Colo.....	190.0	155.0	195.0	185.0	150.0	190.0	1,150	1,120	1,190	2,128	1,680	2,261
Idaho.....	143.0	90.0	140.0	141.0	88.0	138.0	1,840	1,650	1,790	2,594	1,452	2,470
Kans.....	30.0	11.0	13.0	28.0	9.0	12.0	1,000	1,400	1,700	280	126	204
Mich.....	560.0	360.0	400.0	550.0	350.0	390.0	1,450	1,300	1,070	7,975	4,550	4,173
Minn.....	95.0	42.0	52.0	73.0	39.0	50.0	1,300	1,160	1,400	949	452	700
Mont.....	8.5	3.0	8.5	7.0	2.8	8.0	1,680	1,320	1,900	118	37	152
Nebr.....	225.0	135.0	175.0	212.0	131.0	170.0	1,550	1,670	1,900	3,286	2,188	3,230
N.Y.....	50.0	26.0	35.0	49.0	25.0	34.0	1,400	1,020	1,250	686	255	425
N. Dak.....	300.0	170.0	205.0	240.0	160.0	200.0	1,050	1,030	1,260	2,520	1,648	2,520
Utah.....	11.0	7.0	9.5	10.0	6.9	9.3	460	600	580	46	41	54
Wash.....	38.0	16.0	35.0	37.0	16.0	34.0	2,070	2,220	2,080	766	355	707
Wyo.....	36.0	19.0	38.0	35.0	18.0	37.0	1,800	1,800	2,050	630	324	759
U.S.....	1,924.5	1,180.0	1,497.0	1,777.0	1,138.7	1,456.3	1,439	1,363	1,425	25,563	15,520	20,754

<sup>1</sup> Excludes beans grown for garden seed.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 375.—Beans, dry edible (cleaned basis): Season average price and value of production, by States, crop of 1982, 1983, and 1984 <sup>1</sup>

State	Season average price per cwt.			Value of production		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Calif.....	23.30	32.50	29.30	83,531	78,390	90,801
Colo.....	11.70	18.40	14.00	24,898	30,912	31,654
Idaho.....	11.70	18.10	14.70	30,350	26,281	36,309
Kans.....	11.20	18.50	14.40	3,136	2,331	2,938
Mich.....	13.70	23.20	19.50	109,258	105,560	81,374
Minn.....	12.40	22.80	18.90	11,768	10,306	13,230
Mont.....	11.00	18.00	14.00	1,298	666	2,128
Nebr.....	13.70	19.70	13.50	45,018	43,104	43,605
N.Y.....	11.50	24.20	21.40	7,889	6,171	9,095
N. Dak.....	11.30	18.70	15.30	28,476	30,818	35,556
Utah.....	11.70	22.00	19.00	538	902	1,026
Wash.....	13.50	18.30	17.60	10,341	6,497	12,443
Wyo.....	11.60	18.30	14.00	7,308	5,929	10,626
U.S.....	14.20	22.40	18.00	363,809	347,867	373,785

<sup>1</sup> Excludes beans grown for garden seed.

<sup>2</sup> Preliminary.

Statistical Reporting Service.



Table 376.—Beans, dry edible: Season average wholesale price per 100 pounds, selected markets, 1971-83

Year beginning September	F.o.b. California points				F.o.b. Northern Colorado points: Pinto	F.o.b. Western Nebraska points: Great northern	F.o.b. Southern Idaho points: Small reds	F.o.b. Michigan points: Pea bean (Navy)
	Baby lima	Large lima	Blackeye	Light red kidney				
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1971.....	10.88	19.40	17.23	14.17	11.60	11.60	11.85	(1)
1972.....	17.40	29.51	15.82	28.18	11.00	16.00	13.20	(1)
1973.....	32.50	39.18	29.82	41.75	39.15	30.60	43.55	(1)
1974.....	16.00	24.55	14.70	27.95	32.75	20.95	27.65	16.08
1975.....	17.71	32.68	21.77	23.81	17.85	21.15	19.95	28.11
1976.....	20.82	40.68	31.78	21.35	14.75	13.20	16.10	18.65
1977.....	20.41	31.45	23.00	37.92	23.25	23.80	22.55	22.10
1978.....	22.27	37.05	25.95	22.90	21.65	23.56	25.14	18.89
1979.....	21.12	43.58	24.22	31.22	31.76	27.25	33.06	22.74
1980.....	39.25	40.68	31.52	34.46	35.51	35.13	35.87	33.47
1981.....	26.78	36.92	31.17	31.39	17.82	26.62	21.04	31.88
1982.....	28.61	32.65	23.19	22.05	15.00	20.15	18.78	17.20
1983.....	26.63	51.58	30.34	38.69	30.13	27.53	21.82	26.46

<sup>1</sup> Data not collected prior to 1974.

Economic Research Service. Compiled from the Bean Market Summary (formerly Bean Market Review), Agricultural Marketing Service, U.S. Department of Agriculture, Denver, Colorado.

Table 377.—Beans, dry edible: United States exports to specified countries, 1981/82-1983/84

Continent and country	1981/ 82	1982/ 83	1983/ 84	Continent and country	1981/ 82	1982/ 83	1983/ 84
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Europe—Continued			
Canada.....	24,164	16,748	17,491	Italy.....	8,003	11,853	6,467
Dominican Republic.....	13	132	47	Netherlands.....	26,756	29,226	19,474
French West Indies.....	1,411	1,602	1,140	Spain.....	3,474	5,851	1,499
Mexico.....	447,688	360	370	United Kingdom.....	64,294	63,491	54,400
Panama.....	4,165	7,295	3,226	Total.....	151,068	110,421	103,423
Trinidad and Tobago.....	1,931	2,397	1,718				
Total.....	479,372	18,534	23,992	Asia:			
South America:				Israel.....	1,178	2,136	280
Brazil.....	10,097	3,951	4,978	Japan.....	28,883	21,605	26,739
Colombia.....	13,190	7,965	4,738	Philippines.....	1,350	739	931
Venezuela.....	13,422	6,522	12,991	Total.....	31,411	24,480	27,950
Total.....	36,709	18,436	22,707	Oceania:			
Europe:				Australia.....	2,996	4,428	4,738
Belgium and Luxembourg.....	18,796	11,306	4,288	Other countries.....	77,748	97,770	52,934
France.....	15,163	18,008	13,744	Grand total.....	779,304	284,071	235,744
Germany, Fed. Rep. of.....	14,582	12,351	3,551				

<sup>1</sup> Marketing year beginning previous September.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 378.—Beans, dry edible: United States exports by class and quantity, 1970-84**

Year <sup>1</sup>	Navy or pea	Great northern	Other white	Pinto	Red kidney	Other <sup>2</sup>	Seed	Total
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1970.....	82,101	24,078	5,893	22,399	7,166	82,702	8,266	232,605
1971.....	64,329	15,333	2,442	19,223	9,894	76,355	6,997	194,573
1972.....	44,545	28,083	2,161	15,184	8,708	70,157	6,399	175,237
1973.....	61,436	31,440	2,264	11,285	5,047	61,996	8,313	181,781
1974.....	56,112	19,776	5,743	30,996	3,662	43,933	5,600	165,822
1975.....	66,181	43,731	2,564	83,918	9,659	73,878	6,270	286,201
1976.....	42,737	12,480	1,437	22,217	6,518	39,154	6,782	131,325
1977.....	32,822	41,178	1,707	29,893	11,424	66,627	6,282	189,933
1978.....	81,348	39,699	3,585	32,187	10,189	65,933	6,267	239,208
1979.....	65,225	48,385	4,651	43,746	17,365	69,229	5,715	254,316
1980.....	73,276	50,380	5,002	92,249	38,190	73,792	9,261	342,150
1981.....	101,095	64,210	6,229	316,616	25,907	155,079	13,505	682,641
1982.....	80,279	70,195	5,398	383,635	21,684	207,237	10,876	779,304
1983.....	89,145	68,841	4,491	14,301	20,537	86,757	n.a.	284,071
1984.....	63,028	38,491	4,741	24,976	21,147	83,361	n.a.	235,744

<sup>1</sup> Marketing year beginning previous September.

<sup>2</sup> Includes other colored, black turtle, blackeye, and limas.

n.a. not available.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 379.—Peas, dry field: United States exports to specified countries, 1981/82-83/84 <sup>1</sup>**

Continent and country	1981/ 82	1982/ 83	1983/ 84	Continent and country	1981/ 82	1982/ 83	1983/ 84
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>North America:</b>				<b>Europe—Continued</b>			
Canada.....	9,851	905	458	Iceland.....	332	351	242
Mexico.....	1,327	89	13	Italy.....	1,535	1,508	2,333
Panama.....	438	403	742	Netherlands.....	626	1,026	426
Trinidad and Tobago.....	5,371	6,280	4,554	Norway.....	486	412	499
Total.....	16,987	7,677	5,767	Sweden.....	1,771	174	20
<b>South America:</b>				Switzerland.....	5	74	139
Brazil.....	9,441	5,287	5,776	United Kingdom.....	7,415	8,785	8,473
Colombia.....	23,890	31,571	6,780	Total.....	14,412	13,304	13,447
Peru.....	4,414	7,116	7,485	<b>Asia:</b>			
Surinam.....	762	3,093	1,009	Hong Kong.....	438	238	372
Venezuela.....	10,990	7,842	14,945	Israel.....	462	288	301
Total.....	49,501	54,909	35,995	Japan.....	3,423	5,995	7,795
<b>Europe:</b>				Philippines.....	1,191	1,908	1,757
Belgium and Luxembourg.....	981	832	646	Total.....	5,514	8,429	10,225
Denmark.....	384	4	17	<b>Other countries.....</b>			
Germany, Fed. Rep. of.....	873	142	652		25,992	40,652	52,482
				Grand total.....	112,406	124,971	117,916

<sup>1</sup> Marketing year beginning previous September.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 380.—Hops: Season average price and value of production, by States, crop of 1982, 1983 and 1984

State	Season average price per pound			Value of production		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Calif.....	242.0	215.0	258.0	2,057	1,473	516
Idaho.....	248.0	262.0	295.0	15,874	16,412	16,004
Oreg.....	197.0	215.0	242.0	25,886	21,537	16,838
Wash.....	160.0	180.0	200.0	93,067	92,061	87,168
Total .....	174.0	193.0	215.0	136,884	131,483	120,526

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 381.—Hops: Area, yield, and production, by States, 1982-84

State	Area harvested			Yield per acre			Production <sup>1</sup>		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982 <sup>3</sup>	1983 <sup>3</sup>	1984 <sup>2 3</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Calif.....	0.5	0.5	0.1	1,700	1,370	2,000	850	685	200
Idaho.....	3.7	3.6	3.1	1,730	1,740	1,750	6,401	6,264	5,425
Oreg.....	7.3	6.3	4.9	1,800	1,590	1,420	13,140	10,017	6,958
Wash.....	28.1	26.5	22.7	2,070	1,930	1,920	58,167	51,145	43,584
U.S.....	39.6	36.9	30.8	1,984	1,846	1,824	78,558	68,111	56,167

<sup>1</sup> Quantities available for market will be governed by regulations issued under Federal Market Order 991.<sup>2</sup> Preliminary.<sup>3</sup> Includes hops lost by fire (pounds): 1982—Wash.—5,000; 1983—Oreg.—1,000,000, Wash.—20,000; 1984—Wash.—10,000.

Statistical Reporting Service.

**Table 382.—Hops: Area, yield, production, farm disposition, value, and Sept. 1 stocks, United States, 1970-84**

Year	Area harvested	Yield per acre	Production <sup>1 2</sup>	Sales	Season average price per pound received by farmers	Value of production	Stocks Sept. 1
	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>
1970.....	27.7	1,656	45,863	45,863	56.0	25,681	27,950
1971.....	28.9	1,718	49,663	49,663	65.9	32,743	30,120
1972.....	29.7	1,728	51,309	51,180	71.4	36,631	28,770
1973.....	31.4	1,744	54,769	54,769	75.7	41,457	30,280
1974.....	32.4	1,759	56,979	56,928	79.8	45,486	33,720
1975.....	32.1	1,742	55,913	55,737	83.0	46,419	42,170
1976.....	30.9	1,870	57,774	57,774	84.8	48,982	50,400
1977.....	30.5	1,796	54,777	54,777	89.6	49,095	50,480
1978.....	30.9	1,782	55,071	54,856	90.1	49,599	47,540
1979.....	31.8	1,727	54,929	54,929	97.6	53,614	38,290
1980.....	37.1	2,037	75,560	( <sup>3</sup> )	151.0	114,194	32,800
1981.....	43.1	1,836	79,144	( <sup>3</sup> )	151.0	119,220	34,430
1982.....	39.6	1,984	78,558	( <sup>3</sup> )	174.0	136,884	47,030
1983.....	36.9	1,846	68,111	( <sup>3</sup> )	193.0	131,483	61,080
1984 <sup>4</sup> .....	30.8	1,824	56,167	( <sup>3</sup> )	215.0	120,526	68,096

<sup>1</sup> Quantities available for market will be governed by regulations issued under Federal Market Order 991.

<sup>2</sup> Includes the following quantities not marketed because of economic conditions, fire losses, and/or provisions under terms of a marketing agreement (1,000 pounds): 129 in 1972; 51 in 1974; 176 in 1975; 215 in 1978; 888 in 1980; 90 in 1981; 5 in 1982; 1,020 in 1983; and 10 in 1984.

<sup>3</sup> Series discontinued.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

**Table 383.—Hops: United States exports by country of destination and imports by country of origin, 1981/82-1983/84**

Item and country	Year beginning September			Item and country	Year beginning September		
	1981/82	1982/83	1983/84		1981/82	1982/83	1983/84
<b>EXPORTS</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<b>EXPORTS</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Other countries:			
Belgium and Luxembourg.....	0	0	16	Canada.....	2,152	1,717	1,250
Czechoslovakia.....	0	0	0	Japan.....	568	358	448
Germany, Fed. Rep. of.....	2,334	995	670	Nigeria.....	5	0	20
Ireland.....	42	10	11	South Africa.....	40	104	38
United Kingdom.....	142	99	89	Soviet Union.....	1,163	537	75
Other countries.....	223	36	28	Taiwan.....	188	0	0
Total.....	2,741	1,140	814	Other countries.....	133	167	796
Latin America:				Total.....	4,249	2,883	2,627
Argentina.....	33	130	149	Grand total.....	9,856	7,628	4,872
Bolivia.....	40	0	3				
Brazil.....	1,815	2,307	1,076	<b>IMPORTS</b>			
Chile.....	10	24	42	Australia.....	110	35	.....
Guatemala.....	73	10	57	Belgium and Luxembourg.....	10	12	16
Mexico.....	600	513	457	Canada.....	11	42	96
Peru.....	0	0	0	Czechoslovakia.....	1,298	866	1,367
Uruguay.....	0	3	16	France.....	145	182	109
Venezuela.....	0	0	0	Germany, Fed. Rep. of.....	5,365	4,712	5,171
Other countries.....	295	618	369	Poland.....	752	580	290
Total.....	2,866	3,605	1,431	United Kingdom.....	1	1	2
				Yugoslavia.....	170	57	.....
				Other countries.....	5	16	53
				Total.....	7,867	6,503	7,104

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



## CHAPTER VII

# STATISTICS OF CATTLE, HOGS, AND SHEEP

This chapter contains information about most kinds of farm livestock and livestock products, with the exception of dairy and poultry. The information relates to inventories, production, disposition, prices, and income for farm animals, and to livestock slaughter (including horse slaughter), meat production, and market statistics for meat animals.

**Table 384.—All cattle and calves: Number and value, United States, Jan. 1, 1970-85**

Year	Total number	Value		Year	Total number	Value	
		Per head	Total			Per head	Total
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970 .....	112,369	179.00	20,160,430	1978 .....	116,375	232.00	27,030,385
1971 .....	114,578	184.00	21,112,904	1979 .....	110,864	403.00	44,697,773
1972 .....	117,862	208.00	24,519,645	1980 .....	111,242	502.00	55,844,204
1973 .....	121,539	252.00	30,583,562	1981 .....	114,351	473.00	54,123,534
1974 .....	127,788	293.00	37,477,181	1982 .....	115,444	415.00	47,905,367
1975 .....	132,028	159.00	20,999,808	1983 .....	115,001	406.00	46,708,350
1976 .....	127,980	190.00	24,334,959	1984 .....	113,700	396.00	44,975,575
1977 .....	122,810	206.00	25,249,390	1985 <sup>1</sup> .....	109,801	402.00	44,147,243

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 385.—All cattle and calves: Number, by classes, United States, Jan. 1, 1970-85**

Year	All cattle and calves	Cows and heifers that have calved		500 pounds and over					Calves under 500 pounds
		Beef cows	Milk cows	Heifers			Steers	Bulls	
				Beef cow replacements	Milk cow replacements	Other			
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
1970 .....	112,369	36,689	12,091	6,431	3,880	6,132	15,265	2,272	29,609
1971 .....	114,578	37,878	11,909	6,664	3,843	6,113	15,610	2,328	30,235
1972 .....	117,862	38,810	11,776	6,987	3,828	6,399	15,999	2,377	31,688
1973 .....	121,539	40,932	11,622	7,434	3,872	6,432	16,553	2,467	32,229
1974 .....	127,788	43,182	11,297	8,193	3,941	6,852	17,760	2,643	33,922
1975 .....	132,028	45,712	11,220	8,884	4,087	6,518	16,333	2,985	36,291
1976 .....	127,980	43,901	11,071	7,192	3,956	7,391	17,094	2,845	34,531
1977 .....	122,810	41,443	10,998	6,527	3,887	8,048	16,884	2,664	32,360
1978 .....	116,375	38,738	10,896	5,858	3,886	7,949	16,868	2,538	29,643
1979 .....	110,864	37,062	10,790	5,527	3,932	7,445	16,442	2,403	27,263
1980 .....	111,242	37,107	10,758	5,942	4,159	7,132	16,049	2,492	27,603
1981 .....	114,351	38,773	10,849	6,137	4,342	7,280	15,521	2,547	28,903
1982 .....	115,444	39,230	10,986	6,607	4,547	7,190	15,497	2,611	28,777
1983 .....	115,001	37,940	11,047	6,336	4,545	7,965	16,214	2,609	28,346
1984 .....	113,700	37,494	11,109	6,183	4,532	7,851	16,371	2,549	27,611
1985 <sup>1</sup> .....	109,801	35,393	10,819	5,536	4,757	8,036	16,399	2,411	26,450

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 386.—All cattle and calves: Number and value, by States, Jan 1, 1983-85

State	Number			Value					
	1983	1984	1985 <sup>1</sup>	Value per head			Total value		
				1983	1984	1985 <sup>1</sup>	1983	1984	1985 <sup>1</sup>
	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>
Ala.....	1,910	1,870	1,830	315.00	305.00	295.00	601,650	570,350	539,850
Alaska.....	9.0	9.6	9.5	565.00	565.00	585.00	5,085	5,424	5,558
Ariz.....	1,000	980	1,050	400.00	385.00	395.00	400,000	377,300	414,750
Ark.....	1,900	2,000	1,850	340.00	325.00	330.00	646,000	650,000	610,500
Calif.....	4,900	5,000	4,960	525.00	510.00	520.00	2,572,500	2,550,000	2,579,200
Colo.....	3,040	3,120	3,000	410.00	420.00	440.00	1,246,400	1,310,400	1,320,000
Conn.....	106	108	110	665.00	575.00	565.00	70,490	62,100	62,150
Del.....	36	30	26	585.00	605.00	615.00	21,060	18,150	15,990
Fla.....	2,425	2,330	2,190	375.00	365.00	340.00	909,375	850,450	744,600
Ga.....	1,875	1,725	1,750	345.00	315.00	310.00	646,875	543,375	542,500
Hawaii.....	230	226	218	430.00	390.00	340.00	98,900	88,140	74,120
Idaho.....	1,950	1,890	1,780	410.00	410.00	410.00	799,500	774,900	729,800
Ill.....	2,800	2,600	2,500	400.00	400.00	415.00	1,120,000	1,040,000	1,037,500
Ind.....	1,700	1,640	1,670	415.00	400.00	395.00	705,500	656,000	659,650
Iowa.....	6,350	5,900	5,600	405.00	410.00	445.00	2,571,750	2,419,000	2,492,000
Kans.....	5,825	6,000	5,860	345.00	350.00	365.00	2,009,625	2,100,000	2,138,900
Ky.....	2,700	2,630	2,580	390.00	360.00	360.00	1,053,000	946,800	928,800
La.....	1,350	1,300	1,320	360.00	345.00	335.00	486,000	448,500	442,200
Maine.....	144	148	148	620.00	550.00	530.00	89,280	81,400	78,440
Md.....	390	405	390	620.00	565.00	570.00	241,800	228,825	222,300
Mass.....	103	98	100	700.00	595.00	565.00	72,100	58,310	56,500
Mich.....	1,500	1,475	1,450	540.00	500.00	500.00	810,000	737,500	725,000
Minn.....	3,610	3,690	3,550	500.00	465.00	460.00	1,805,000	1,715,850	1,633,000
Miss.....	1,800	1,764	1,588	300.00	295.00	285.00	540,000	520,380	452,580
Mo.....	5,500	5,200	4,850	360.00	355.00	365.00	1,980,000	1,846,000	1,770,250
Mont.....	2,990	3,150	2,960	375.00	395.00	380.00	1,121,250	1,244,250	1,124,800
Nebr.....	7,200	6,900	6,100	380.00	400.00	410.00	2,736,000	2,760,000	2,501,000
Nev.....	650	660	620	360.00	385.00	355.00	234,000	254,100	220,100
N.H.....	71	70	71	650.00	570.00	565.00	46,150	39,900	40,115
N.J.....	100	104	102	715.00	675.00	630.00	71,500	70,200	64,260
N. Mex.....	1,450	1,390	1,410	340.00	360.00	350.00	493,000	500,400	493,500
N.Y.....	1,995	2,020	2,000	640.00	535.00	555.00	1,276,800	1,080,700	1,110,000
N.C.....	1,100	1,120	1,175	395.00	360.00	350.00	434,500	403,200	411,250
N. Dak.....	2,050	2,100	2,050	420.00	420.00	415.00	861,000	882,000	850,750
Ohio.....	1,850	1,880	1,835	455.00	430.00	445.00	841,750	806,400	816,575
Okla.....	5,350	5,500	5,300	390.00	305.00	325.00	1,765,500	1,677,500	1,722,500
Oreg.....	1,650	1,710	1,650	395.00	400.00	410.00	651,750	684,000	676,500
Pa.....	2,000	1,970	1,960	645.00	590.00	575.00	1,290,000	1,162,300	1,127,000
R.I.....	8.0	7.6	8.0	670.00	585.00	585.00	5,360	4,446	4,680
S.C.....	660	590	620	350.00	340.00	365.00	231,000	200,600	226,300
S. Dak.....	4,060	4,220	4,160	395.00	395.00	400.00	1,603,700	1,666,900	1,664,000
Tenn.....	2,675	2,750	2,535	355.00	315.00	325.00	949,625	866,250	823,875
Tex.....	15,000	14,350	14,100	330.00	335.00	335.00	4,950,000	4,807,250	4,723,500
Utah.....	950	865	800	390.00	400.00	395.00	370,500	346,000	316,000
Vt.....	379	360	350	700.00	610.00	585.00	265,300	219,600	204,750
Va.....	1,700	1,950	1,760	395.00	370.00	370.00	671,500	721,500	651,200
Wash.....	1,505	1,560	1,470	470.00	465.00	475.00	707,350	725,400	698,250
W. Va.....	580	590	580	385.00	385.00	375.00	223,300	227,150	217,500
Wis.....	4,400	4,350	4,440	655.00	575.00	600.00	2,882,000	2,501,250	2,664,000
Wyo.....	1,475	1,395	1,365	355.00	375.00	380.00	523,625	523,125	518,700
U.S.....	115,001	113,700	109,801	406.00	396.00	402.00	46,708,350	44,975,575	44,147,243

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 387.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1984 and 1985

State	Cows and heifers that have calved				Heifers, 500 pounds and over					
	Beef cows		Milk cows		Beef cow replacements		Milk cow replacements		Other	
	1984	1985 <sup>1</sup>	1984	1985 <sup>1</sup>	1984	1985 <sup>1</sup>	1984	1985 <sup>1</sup>	1984	1985 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Ala.....	883	871	52	49	150	154	15	15	39	69
Alaska.....	3.3	2.9	1.1	1.3	.7	.7	.5	.6	.1	.1
Ariz.....	268	272	82	83	32	37	15	18	14	10
Ark.....	998	914	77	79	184	168	30	39	38	33
Calif.....	1,008	1,011	962	974	210	195	445	470	245	240
Colo.....	946	855	77	75	150	135	31	30	602	655
Conn.....	7	7	50	48	1	1	21	25	1	1
Del.....	3	2	10	10	1	1	3	3	1	1
Fla.....	1,220	1,161	190	164	186	171	45	44	55	48
Ga.....	756	771	129	118	114	114	40	40	67	68
Hawaii.....	81	82	12	12	20	15	7	6	18	19
Idaho.....	568	538	172	162	95	94	94	82	146	128
Ill.....	682	615	228	225	76	75	105	115	375	410
Ind.....	426	439	204	197	60	58	90	95	130	138
Iowa.....	1,417	1,305	353	345	160	150	135	130	755	670
Kans.....	1,630	1,512	120	108	240	191	54	43	696	730
Ky.....	1,078	1,038	242	232	143	142	93	97	79	82
La.....	634	670	101	95	108	115	33	31	29	27
Maine.....	15	11	59	59	6	4	27	30	1	1
Md.....	75	79	125	121	17	14	56	54	14	12
Mass.....	8	9	50	47	2	3	14	15	1	1
Mich.....	158	160	402	390	36	32	180	195	66	47
Minn.....	477	420	910	890	79	64	346	387	276	199
Miss.....	831	753	95	84	150	125	29	41	33	23
Mo.....	2,122	2,000	254	225	291	257	104	97	231	238
Mont.....	1,637	1,513	29	27	328	255	9	9	189	183
Nebr.....	2,054	1,808	121	102	297	238	41	42	1,104	1,020
Nev.....	329	307	17	18	51	43	7	6	17	14
N.H.....	5	5	31	31	1	1	13	14	1	1
N.J.....	12	16	39	39	4	5	17	14	2	2
N. Mex.....	578	555	62	65	93	87	22	28	73	78
N.Y.....	97	88	943	942	30	30	428	440	35	40
N.C.....	427	458	135	127	85	93	41	43	30	32
N. Dak.....	993	964	99	97	145	148	26	29	98	120
Ohio.....	362	360	403	380	55	60	196	184	80	101
Okla.....	2,090	1,993	110	107	360	385	35	35	330	370
Oreg.....	709	639	101	96	150	115	45	55	75	110
Pa.....	198	190	738	735	39	41	290	310	47	43
R.I.....	.6	.6	3.6	3.6	.3	.3	1.2	1.4	0	0
S.C.....	248	272	47	47	45	46	15	16	20	23
S. Dak.....	1,651	1,627	164	161	241	208	46	46	253	291
Tenn.....	1,146	1,050	214	210	215	170	95	90	70	60
Tex.....	6,067	5,586	333	314	1,060	820	90	130	1,080	1,300
Utah.....	340	289	84	80	54	45	37	40	28	31
VT.....	14	10	190	186	3	3	74	73	1	2
Va.....	670	643	170	162	132	124	67	68	105	82
Wash.....	436	398	214	211	70	88	95	132	125	102
W. Va.....	273	275	37	33	44	31	16	14	19	11
Wis.....	195	230	1,850	1,840	52	65	810	832	87	92
Wyo.....	668	618	12	12	117	119	3	3	70	78
U.S.....	37,494	35,393	11,109	10,819	6,183	5,536	4,532	4,757	7,851	8,036

See footnotes at end of table.

Table 387.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1984 and 1985—Continued

State	Steers, 500 pounds and over		Bulls, 500 pounds and over		Calves under 500 pounds	
	1984	1985 <sup>1</sup>	1984	1985 <sup>1</sup>	1984	1985 <sup>1</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Ala.....	129	94	58	64	544	514
Alaska.....	7	5	1.2	1.2	2.0	2.2
Ariz.....	305	350	24	30	240	250
Ark.....	83	104	63	65	527	448
Calif.....	850	876	80	80	1,200	1,114
Colo.....	655	655	66	60	593	535
Conn.....	2	2	2	2	24	24
Del.....	6	3	1	1	5	5
Fla.....	91	88	78	74	465	440
Ga.....	105	110	57	56	457	473
Hawaii.....	26	23	7	6	55	55
Idaho.....	335	310	34	34	446	432
Ill.....	459	453	46	42	629	565
Ind.....	264	285	31	33	435	425
Iowa.....	1,500	1,425	79	75	1,496	1,500
Kans.....	1,736	1,757	84	83	1,440	1,436
Ky.....	200	206	68	66	727	717
La.....	42	44	43	44	310	294
Maine.....	3	3	4	3	37	37
Md.....	33	31	10	8	75	71
Mass.....	2	3	2	2	19	20
Mich.....	230	210	23	22	380	394
Minn.....	641	716	44	43	917	831
Miss.....	88	84	58	56	480	422
Mo.....	568	490	120	112	1,510	1,431
Mont.....	284	322	98	89	576	562
Nebr.....	1,630	1,426	110	92	1,543	1,372
Nev.....	38	43	18	17	183	172
N.H.....	1	2	1	1	17	16
N.J.....	8	4	3	3	19	19
N. Mex.....	206	210	42	41	314	346
N.Y.....	40	36	27	24	420	400
N.C.....	60	65	32	34	310	323
N. Dak.....	189	195	52	49	498	448
Ohio.....	290	316	40	38	454	396
Okla.....	845	830	120	120	1,610	1,460
Oreg.....	170	205	45	40	415	390
Pa.....	240	230	36	33	382	378
R.I.....	3	4	2	2	1.4	1.5
S.C.....	37	37	21	21	157	158
S. Dak.....	473	458	84	83	1,308	1,286
Tenn.....	160	165	75	65	775	725
Tex.....	2,210	2,400	460	410	3,050	3,140
Utah.....	104	96	17	16	201	203
Vt.....	4	4	4	4	70	68
Va.....	260	224	46	41	500	416
Wash.....	285	249	32	27	303	263
W. Va.....	53	71	21	23	127	122
Wis.....	304	319	43	42	1,009	1,020
Wyo.....	126	169	39	36	360	330
U.S.....	16,371	16,399	2,549	2,411	27,611	26,450

<sup>1</sup> Preliminary.

Statistical Reporting Service.



Table 388.—Cattle and buffalo: Number in specified countries, 1983-85 <sup>1</sup>

Continent and country	1983	1984	1985 <sup>2</sup>	Continent and country	1983	1984	1985 <sup>2</sup>
	Thou- sands	Thou- sands	Thou- sands		Thou- sands	Thou- sands	Thou- sands
<b>North America:</b>				<b>Other Western</b>			
Canada .....	11,618	11,360	10,965	Europe—Con.			
Mexico .....	33,873	33,917	33,856	Sweden .....	1,902	1,887	1,878
United States .....	115,001	113,700	108,801	Switzerland .....	1,933	1,943	1,915
<b>Total .....</b>	<b>160,492</b>	<b>158,977</b>	<b>154,622</b>	<b>Total other Western Europe...</b>	<b>14,131</b>	<b>14,169</b>	<b>14,143</b>
<b>South America:</b>				Bulgaria .....	1,783	1,778	1,778
Argentina .....	58,000	58,602	58,807	Czechoslovakia .....	5,131	5,190	5,200
Brazil .....	93,000	93,300	93,700	German Dem. Rep. ....	5,690	5,968	5,846
Colombia .....	24,000	23,860	23,570	Hungary .....	1,922	1,907	1,865
Uruguay .....	10,308	9,491	9,945	Poland .....	11,022	11,083	11,088
Venezuela .....	12,092	12,283	12,478	Romania .....	6,246	6,752	7,039
<b>Total .....</b>	<b>197,400</b>	<b>197,536</b>	<b>198,500</b>	Yugoslavia .....	5,351	5,842	5,191
<b>Central America and Caribbean:</b>				<b>Total Eastern Europe .....</b>	<b>37,145</b>	<b>37,819</b>	<b>38,007</b>
Costa Rica .....	2,585	2,550	2,553	<b>Total Europe .....</b>	<b>130,067</b>	<b>131,406</b>	<b>130,219</b>
El Salvador .....	965	953	953	<b>Soviet Union .....</b>	<b>117,186</b>	<b>119,600</b>	<b>120,800</b>
Guatemala .....	2,600	2,605	2,602	<b>Africa:</b>			
Honduras .....	2,405	2,434	2,508	Egypt .....	4,326	4,350	4,400
Nicaragua .....	2,116	2,000	1,890	South Africa .....	13,086	12,895	12,615
Panama .....	1,459	1,470	1,485	<b>Total .....</b>	<b>17,412</b>	<b>17,245</b>	<b>17,015</b>
Dominican Rep. ....	2,262	2,312	2,377	<b>Asia and Mid East:</b>			
<b>Total .....</b>	<b>14,392</b>	<b>14,324</b>	<b>14,368</b>	India .....	247,650	248,690	249,730
<b>Europe:</b>				Israel .....	270	266	267
Belgium- Luxembourg .....	3,117	3,178	3,145	Japan .....	4,590	4,664	4,680
Denmark .....	2,857	2,876	2,770	Korea, Rep. of .....	1,754	2,215	2,469
France .....	23,656	23,519	23,144	Philippines .....	4,884	4,871	4,806
Germany, Fed. Rep. of .....	15,098	15,552	15,605	Saudi Arabia .....	195	189	173
Ireland .....	5,783	5,812	5,835	Taiwan .....	130	130	136
Italy .....	9,127	9,221	9,011	Turkey .....	17,100	17,200	17,300
Netherlands .....	5,192	5,359	5,300	<b>Total .....</b>	<b>276,573</b>	<b>278,225</b>	<b>279,561</b>
United Kingdom .....	13,162	13,131	12,471	<b>Oceania:</b>			
Greece .....	799	770	788	Australia .....	22,478	21,846	22,500
<b>Total EC .....</b>	<b>78,791</b>	<b>79,418</b>	<b>78,069</b>	New Zealand .....	7,912	7,631	7,910
Austria .....	2,546	2,633	2,640	<b>Total .....</b>	<b>30,390</b>	<b>29,477</b>	<b>30,410</b>
Finland .....	1,633	1,599	1,573	<b>Total selected countries .....</b>	<b>943,912</b>	<b>946,790</b>	<b>945,495</b>
Portugal .....	1,100	1,104	1,117				
Spain .....	5,017	5,003	5,020				

<sup>1</sup> Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

<sup>2</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

## FOOTNOTES FOR TABLE 392

<sup>1</sup> Calves born during the year.

<sup>2</sup> Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

<sup>3</sup> Includes cattle shipped in from other States and from central markets, but excludes cattle for immediate slaughter.

<sup>4</sup> Cattle and calves combined beginning 1967.

<sup>5</sup> Preliminary.

<sup>6</sup> Adjustments made for changes in inventory and for inshipments.

<sup>7</sup> Receipts from marketings and sale of farm slaughter.

<sup>8</sup> "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

Statistical Reporting Service.

Table 389.—Calf crop: Cows and heifers that have calved and calves born, by States, 1983 and 1984

State	Cows and heifers that have calved				Calves born	
	Jan. 1		July 1 <sup>2</sup>		1983	1984 <sup>1</sup>
	1983	1984 <sup>1</sup>	1983	1984 <sup>1</sup>		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Ala.....	990	935	.....	.....	870	830
Alaska.....	4.0	4.4	.....	.....	3.3	3.3
Ariz.....	360	350	.....	.....	275	305
Ark.....	994	1,075	.....	.....	940	870
Calif.....	1,970	1,970	.....	.....	1,730	1,740
Colo.....	1,000	1,023	.....	.....	900	875
Conn.....	56	57	.....	.....	52	52
Del.....	15	13	.....	.....	11	10
Fla.....	1,420	1,410	.....	.....	1,100	1,050
Ga.....	953	885	.....	.....	780	780
Hawaii.....	95	93	.....	.....	70	71
Idaho.....	760	740	.....	.....	715	690
Ill.....	952	910	.....	.....	800	730
Ind.....	650	630	.....	.....	575	580
Iowa.....	1,880	1,775	.....	.....	1,740	1,640
Kans.....	1,648	1,750	.....	.....	1,610	1,575
Ky.....	1,330	1,320	.....	.....	1,190	1,170
La.....	750	735	.....	.....	560	580
Maine.....	72	74	.....	.....	60	60
Md.....	205	200	.....	.....	180	180
Mass.....	59	58	.....	.....	48	50
Mich.....	595	560	.....	.....	525	525
Minn.....	1,371	1,387	.....	.....	1,360	1,230
Miss.....	970	926	.....	.....	800	730
Mo.....	2,475	2,376	.....	.....	2,320	2,200
Mont.....	1,549	1,666	.....	.....	1,640	1,610
Nebr.....	2,150	2,175	.....	.....	1,950	1,800
Nev.....	341	346	.....	.....	295	285
N.H.....	36	36	.....	.....	33	34
N.J.....	52	51	.....	.....	44	43
N. Mex.....	650	640	.....	.....	570	540
N.Y.....	1,025	1,040	.....	.....	940	940
N.C.....	530	562	.....	.....	460	470
N. Dak.....	1,100	1,092	.....	.....	1,030	1,050
Ohio.....	765	765	.....	.....	715	680
Okla.....	2,250	2,200	.....	.....	2,000	2,000
Oreg.....	770	810	.....	.....	710	700
Pa.....	950	936	.....	.....	820	830
R.I.....	4.4	4.2	.....	.....	3.8	3.8
S.C.....	330	295	.....	.....	245	260
S. Dak.....	1,795	1,815	.....	.....	1,800	1,800
Tenn.....	1,360	1,360	.....	.....	1,220	1,160
Tex.....	6,600	6,400	.....	.....	5,450	5,050
Utah.....	480	424	.....	.....	350	310
Vt.....	204	204	.....	.....	185	187
Va.....	801	840	.....	.....	800	750
Wash.....	630	650	.....	.....	560	550
W. Va.....	296	310	.....	.....	270	265
Wis.....	2,060	2,045	.....	.....	1,980	2,020
Wyo.....	704	680	.....	.....	640	635
U.S.....	48,986	48,603	49,600	48,700	43,925	42,499

<sup>1</sup> Preliminary.<sup>2</sup> Individual State estimates not available after July 1, 1981.

Statistical Reporting Service.

Table 390.—Cattle and calves: Number on feed, by States, by quarters, 1984 and 1985 <sup>1</sup>

State	1984				1985	
	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Ariz.....	407	390	341	385	419	343
Calif.....	589	528	554	592	598	456
Colo.....	980	860	780	825	1,000	830
Idaho.....	204	194	195	182	200	184
Ill.....	510	480	370	380	540	510
Ind.....	240				260	
Iowa.....	1,000	920	670	590	880	900
Kans.....	1,320	1,320	1,360	1,440	1,530	1,405
Mich.....	175				165	
Minn.....	375	350	285	225	370	355
Mo.....	90				90	
Mont.....	80				90	
Nebr.....	1,760	1,600	1,280	1,370	1,880	1,760
N. Mex.....	146				178	
N. Dak.....	35				38	
Ohio.....	155				150	
Okla.....	270	270	280	300	350	330
Oreg.....	90				100	
Pa.....	80				85	
S. Dak.....	360	290	260	250	355	325
Tex.....	1,950	1,950	2,140	2,240	2,310	2,120
Wash.....	183	188	185	221	203	158
Wis.....	110				120	
23 States.....	11,109	2 9,340	2 8,700	2 9,000	11,911	2 9,676
Ala.....	40				30	
Ark.....	11				11	
Fla.....	80				90	
Ga.....	26				26	
Hawaii.....	15				17	
Ky.....	20				25	
La.....	11				10	
Md.....	22				18	
Miss.....	12				10	
Nev.....	27				25	
N.J.....	3				2	
N.Y.....	9				10	
N.C.....	25				25	
S.C.....	20				23	
Tenn.....	15				15	
Utah.....	35				40	
Va.....	34				26	
W. Va.....	9				14	
Wyo.....	65				110	
Other States.....	6				2	
U.S.....	11,594				12,440	

<sup>1</sup> Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade Good or better. Data not available for all States in quarters where no figures are shown.

<sup>2</sup> Total for 13 States.

Statistical Reporting Service.

Table 391.—Cattle and calves: Number on feed, United States, Jan. 1, 1970–85 <sup>1</sup>

Year	Number	Year	Number	Year	Number	Year	Number
	<i>Thousands</i>		<i>Thousands</i>		<i>Thousands</i>		<i>Thousands</i>
1970.....	13,190	1974.....	13,643	1978.....	13,472	1982.....	10,618
1971.....	12,770	1975.....	10,170	1979.....	13,274	1983.....	12,051
1972.....	13,912	1976.....	12,941	1980.....	12,221	1984.....	11,594
1973.....	14,432	1977.....	12,580	1981.....	11,598	1985 <sup>2</sup> .....	12,440

<sup>1</sup> Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade Good or better. For 1970–71, data shown are for 39 States—the 23 shown in table 390 plus Maryland, New York, Nevada, Utah, Wyoming, and 11 southeastern States. From 1972 to date, data are for United States.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 392.—Cattle and calves: Production, disposition, cash receipts, and gross income, United States, 1970–84**

Year	Calf crop <sup>1</sup>	Death loss		Marketings <sup>2</sup>		Cattle shipped in for feeding and breeding <sup>3</sup>	Farm slaughter	
		Cattle	Calves	Cattle	Calves		Cattle	Calves
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
1970.....	45,871	1,583	2,714	46,926	12,036	20,059	<sup>4</sup> 462	
1971.....	46,738	1,634	2,808	49,143	12,086	22,673	456	
1972.....	47,682	1,780	3,346	51,043	12,164	24,831	503	
1973.....	49,194	2,099	4,388	48,369	11,652	24,133	570	
1974.....	50,873	2,006	4,104	48,383	9,514	18,103	729	
1975.....	50,183	2,396	4,596	54,315	12,239	20,065	750	
1976.....	47,384	1,821	3,369	55,394	12,485	21,238	722	
1977.....	45,931	2,000	4,000	56,378	12,621	23,333	700	
1978.....	43,818	1,940	3,860	54,737	11,938	23,695	550	
1979.....	42,596	1,900	3,700	48,358	10,151	22,322	430	
1980.....	44,938	1,795	3,618	46,026	10,502	20,513	401	
1981.....	44,666	1,700	3,359	46,647	10,383	18,914	398	
1982.....	44,200	1,843	3,586	49,549	10,560	21,289	395	
1983.....	43,925	1,877	3,617	48,089	10,443	19,210	410	
1984 <sup>5</sup> .....	42,499	1,873	3,602	50,676	10,348	20,490	390	

  

Year	Quantity produced (live weight) <sup>6</sup>	Value of production	Cash receipts from sales of cattle, calves, beef and veal <sup>7</sup>	Value of cattle and calves slaughtered for home consumption	Gross income <sup>8</sup>	Average price per 100 pounds received by farmers	
						Cattle	Calves
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1970.....	39,342,987	10,915,510	13,691,776	242,920	13,934,696	27.10	34.50
1971.....	39,434,379	11,631,478	14,985,864	260,669	15,246,533	29.00	36.40
1972.....	41,225,193	14,166,979	18,236,654	342,486	18,579,140	33.50	44.70
1973.....	44,231,455	18,138,977	22,336,212	477,818	22,814,030	42.80	56.60
1974.....	42,760,575	14,905,532	17,843,774	505,841	18,349,615	35.60	35.20
1975.....	40,900,606	12,804,719	17,520,176	458,250	17,978,426	32.20	27.20
1976.....	41,398,356	13,826,938	19,293,597	501,630	19,795,227	33.70	34.10
1977.....	40,744,829	13,977,695	20,225,347	482,340	20,707,687	34.40	36.90
1978.....	39,971,171	19,553,169	28,248,127	565,081	28,813,208	48.50	59.10
1979.....	38,808,335	26,246,763	35,024,950	693,892	35,718,842	66.10	88.70
1980.....	40,283,777	25,468,867	31,827,906	623,698	32,451,604	62.40	76.50
1981.....	41,178,209	28,682,144	29,537,848	600,885	30,138,733	58.60	64.00
1982.....	40,714,722	22,623,349	29,813,318	576,645	30,389,963	56.70	59.80
1983 <sup>5</sup> .....	40,301,302	22,013,607	28,685,486	554,663	29,240,149	55.50	61.70
1984 <sup>5</sup> .....	40,000,307	22,121,397	30,603,041	556,265	31,159,306	57.30	59.90

See footnotes on page 260.

**Table 393.—Cattle: Average price per 100 pounds, by grades, at Omaha, 1970–84**

Year	Steers <sup>1</sup>			Heifers <sup>1</sup>			Cows <sup>2</sup>	
	Prime	Choice	Good	Prime	Choice	Good	Commercial	Utility
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1970.....	30.22	29.36	27.04	29.42	28.51	26.42	20.94	21.32
1971.....	33.38	32.39	29.38	32.54	31.46	28.52	21.21	21.62
1972.....	36.67	35.78	33.43	35.60	34.72	32.24	24.86	25.21
1973.....	45.61	44.54	42.01	44.25	43.11	40.43	32.90	32.82
1974.....	43.13	41.89	38.71	42.11	40.97	38.00	25.45	25.56
1975.....	.....	44.61	39.45	.....	43.12	37.60	21.63	21.09
1976.....	.....	39.11	35.87	.....	37.98	34.10	26.08	25.31
1977.....	.....	40.38	36.70	.....	38.96	35.20	26.11	25.32
1978.....	.....	52.34	47.98	.....	50.30	46.11	37.80	36.78
1979.....	.....	67.67	63.05	.....	65.91	61.47	50.06	50.10
1980.....	.....	67.05	62.16	.....	64.90	61.22	44.91	45.72
1981.....	.....	63.84	59.83	.....	62.05	59.46	41.59	41.93
1982.....	.....	64.22	59.47	.....	62.79	59.82	40.35	39.96
1983.....	.....	62.52	56.99	.....	61.42	58.53	39.40	39.35
1984.....	.....	65.34	59.14	.....	64.59	61.18	40.75	39.81

See footnotes on page 267.



Table 394.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1984 (preliminary)

State	Marketings <sup>1</sup>		Cattle shipped in for feeding and breeding	Farm slaughter of cattle and calves <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of production	Cash receipts from sales of cattle, calves, beef, and veal <sup>4</sup>	Value of cattle and calves slaughtered for home consumption	Gross income <sup>5</sup>
	Cattle	Calves							
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	590	237	40	3	645,290	302,596	317,456	7,455	324,911
Alaska.....				1.8	1,700	1,055	513	989	1,502
Ariz.....	785	68	686	3	603,925	363,898	504,388	4,594	508,982
Ark.....	639	266	1	9	563,310	253,578	290,246	6,958	297,204
Calif.....	2,358	295	1,150	27	1,866,090	1,004,765	1,416,141	27,561	1,443,702
Conn.....	2,712	125	2,000	8	1,618,260	1,024,736	1,858,519	11,844	1,870,363
Colo.....	25	23	6	1	31,720	14,007	13,921	1,058	14,979
Del.....	6	5	0	1	5,045	2,749	3,350	1,296	4,646
Fla.....	488	674	62	3	573,670	307,078	373,133	5,551	378,684
Ga.....	366	329	31	4	420,740	194,080	193,125	4,291	197,416
Hawaii.....					55,820	25,874	28,101	829	28,930
Idaho.....	835	108	250	5	740,710	405,346	531,715	9,385	541,100
Ill.....	1,098	185	570	7	817,610	473,910	685,516	15,989	701,505
Ind.....	471	181	190	8	454,875	245,254	272,731	21,068	283,799
Iowa.....	2,867	89	1,263	7	2,078,310	1,180,985	1,757,178	14,207	1,771,385
Kans.....	4,590	7	3,100	3	2,771,465	1,732,163	3,082,490	18,369	3,100,859
Ky.....	766	361	65	6	782,450	364,426	385,382	14,464	399,846
La.....	239	235	2	5	325,870	147,714	134,275	5,438	139,713
Maine.....	48	15	16	2	37,510	16,264	21,489	2,055	23,544
Md.....	100	83	9	2	116,640	63,054	68,634	3,803	72,437
Mass.....	16	24	1	1	20,890	9,020	6,814	1,659	8,473
Mich.....	480	56	100	9	454,130	219,996	248,224	13,002	261,226
Minn.....	1,542	210	600	13	1,340,840	653,067	863,096	22,159	885,255
Miss.....	497	347	25	40	416,140	188,660	232,955	7,375	240,930
Mo.....	639	337	140	13	1,432,765	778,285	912,962	22,766	935,728
Mont.....	1,223	590	3,100	13	1,136,640	563,254	653,865	11,846	665,711
Nebr.....	5,357	90	3,100	3	3,196,020	1,989,320	3,663,182	1,348	3,680,120
Nev.....	185	125	20	5	219,110	105,263	123,348	2,392	125,810
N.H.....	15	15	1	1	18,110	7,563	10,867	731	7,731
N.J.....	14	24	3	3	23,820	11,573	10,865	2,493	13,298
N.Mex.....	1,095	130	770	3	528,370	276,062	462,276	476,101	476,101
N.Y.....	257	575	13	12	372,460	164,592	163,810	9,707	173,517
N.C.....	176	395	90	6	922,970	490,249	619,050	12,682	631,732
N.Dak.....	718	305	90	6	896,260	440,511	480,520	7,156	487,676
N.Hamp.....	610	115	100	5	612,530	335,456	348,059	26,564	374,623
Ohio.....	2,790	230	1,100	15	2,118,100	1,093,891	1,387,922	25,205	1,413,127
Ore.....	481	231	100	38	554,655	277,498	313,355	21,284	334,639

Pa.....	490	345	130	15	528,390	272,072	303,701	19,530	323,231
R.I.....	8	2.1	0.3	0.2	1,287	584	284	203	577
S.C.....	159	48	15	4	215,580	91,673	67,905	9,644	77,549
S. Dak.....	1,724	389	433	5	1,774,770	1,038,167	1,202,351	9,803	1,212,154
Tenn.....	1,027	426	216	3	780,125	356,126	4,477,099	9,725	486,524
Tex.....	7,613	385	3,250	17	5,297,055	3,179,582	4,498,916	35,658	4,534,574
Utah.....	310	56	63	7	261,240	153,573	208,969	8,351	217,320
Vt.....	82	98	14	3	85,560	37,152	52,616	3,640	46,320
Va.....	770	80	13	8	660,690	313,926	379,569	8,711	388,280
Wash.....	595	130	200	38	552,300	339,578	435,131	25,953	461,084
W. Va.....	109	122	5	9	131,195	62,155	55,753	11,101	66,854
Wis.....	767	917	110	21	1,156,225	647,070	611,528	29,285	640,813
Wyo.....	792	171	400	2	462,390	262,015	406,686	2,831	409,517
U.S.....	50,676	10,348	20,490	390	40,000,307	22,121,397	30,603,041	556,265	31,159,306

<sup>1</sup> Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

<sup>2</sup> Excludes custom slaughter for farmers at commercial establishments.

<sup>3</sup> Adjustments made for changes in inventory and for inshipments.

<sup>4</sup> Includes receipts from marketings and sales of farm-slaughtered meat.

<sup>5</sup> Includes cash receipts from sales of cattle, calves, beef, and veal plus value of cattle and calves slaughtered for home consumption.

Statistical Reporting Service.

Table 395.—Cattle and calves: Receipts at selected public stockyards, 1970-84 <sup>1</sup>

Year	Chica- go	Den- ver	Fort Worth	Kan- sas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others report- ing	Total markets report- ing <sup>2</sup>
Cattle											
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1970	923	61	141	600	1,322	422	709	953	934	9,490	15,555
1971	* 420	35	121	515	1,240	399	427	899	758	8,670	13,484
1972		16	122	437	1,165	360	373	916	748	9,141	13,278
1973		( <sup>5</sup> )	130	396	1,086	308	337	855	814	8,792	12,718
1974			130	434	1,230	355	347	980	943	8,580	12,999
1975			190	522	1,227	418	399	1,178	1,029	10,304	15,267
1976			123	384	1,089	424	323	1,112	946	9,538	13,939
1977			139	352	1,092	390	296	846	765	9,687	13,567
1978			108	313	829	358	252	754	707	8,271	11,592
1979			63	296	721	268	200	645	693	7,306	10,192
1980			50	207	746	258	196	603	566	7,103	9,729
1981			42	245	742	241	183	573	554	6,537	9,117
1982			( <sup>5</sup> )	245	612	241	185	549	425	6,707	8,964
1983				230	570	215	193	506	442	6,314	8,470
1984				223	474	198	179	461	373	6,532	8,440
Calves											
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1970		8	110	52	34	33	26	140	39	747	1,189
1971		4	102	49	23	22	30	125	47	664	1,066
1972		3	96	61	12	15	30	126	27	571	941
1973		( <sup>5</sup> )	84	48	14	10	22	107		539	824
1974			82	39	32	16	21	105		342	637
1975			90	53	27	19	11	136		414	750
1976			81	32	24	13	8	156		419	733
1977			73	27	( <sup>6</sup> )	11	5	113		402	631
1978			54	45		9	5	85		126	324
1979			31	( <sup>7</sup> )		5	5	70		82	193
1980			44			7	5	59		67	182
1981			42			4	5	57		46	154
1982			( <sup>5</sup> )			3	10	53		67	133
1983						1	13	47		61	122
1983						1	10	42		80	133
1984						1	10	42		80	133

<sup>1</sup> Total rail and truck receipts unloaded at public stockyards. Saleable receipts 1978 on. <sup>2</sup> Rounded totals of the complete figures. <sup>3</sup> The number of stockyards varies from 23 to 46. <sup>4</sup> Market closed Aug. 1, 1971. <sup>5</sup> Data no longer reported. <sup>6</sup> Cattle and calves combined in 1977. <sup>7</sup> Cattle and calves combined in 1979.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 396.—Cattle and calves: Number slaughtered, United States, 1970-84

Year	Cattle slaughter					Calf slaughter				
	Commercial			Farm	Total	Commercial			Farm	Total
	Federal- ly in- spect- ed	Other	Total <sup>1</sup>			Federal- ly in- spect- ed	Other	Total <sup>1</sup>		
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1970	30,793	4,232	35,025	329	35,354	3,024	1,048	4,072	131	4,203
1971	31,419	4,166	35,585	310	35,895	2,806	883	3,689	132	3,821
1972	32,267	3,512	35,779	304	36,083	2,421	632	3,053	131	3,184
1973	30,521	3,166	33,687	340	34,026	1,808	441	2,249	127	2,376
1974	33,319	3,493	36,812	515	37,327	2,355	632	2,987	185	3,172
1975	36,904	4,008	40,911	553	41,464	3,894	1,316	5,209	197	5,406
1976	38,992	3,663	42,654	542	43,196	4,438	912	5,350	178	5,528
1977	38,717	3,139	41,856	525	42,381	4,696	821	5,517	175	5,692
1978	36,948	2,605	39,552	418	39,970	3,620	550	4,170	132	4,302
1979	31,504	2,174	33,678	330	34,008	2,499	325	2,824	100	2,924
1980	31,642	2,164	33,807	309	34,116	2,294	294	2,588	91	2,679
1981	32,819	2,135	34,953	312	35,265	2,478	320	2,798	86	2,884
1982	33,907	1,937	35,843	312	36,155	2,729	292	3,021	82	3,103
1983	34,816	1,833	36,649	325	36,974	2,798	279	3,077	85	3,162
1984	35,880	1,702	37,582	310	37,892	3,030	267	3,297	80	3,377

See footnotes on page 267.

**Table 397.—Cattle and calves: Number slaughtered under Federal inspection, average live weight, and average cost to slaughters (live weight), 1970–84**

Year	Cattle			Calves		
	Number slaughtered	Average live weight	Average cost per 100 pounds	Number slaughtered	Average live weight	Average cost per 100 pounds
	<i>Thousands</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Dollars</i>
1970.....	30,798	1,049	27.79	3,024	199	33.06
1971.....	31,419	1,040	30.05	2,806	206	34.56
1972.....	32,267	1,048	33.50	2,421	210	41.67
1973.....	30,521	1,054	42.10	1,808	207	52.17
1974.....	33,319	1,052	39.37	2,355	211	37.88
1975.....	36,904	1,009	38.08	3,894	227	28.53
1976.....	38,992	1,030	36.33	4,438	223	34.43
1977.....	38,717	1,033	( <sup>1</sup> )	4,696	207	( <sup>1</sup> )
1978.....	36,948	1,043	.....	3,620	206	.....
1979.....	31,504	1,068	.....	2,499	210	.....
1980.....	31,642	1,080	.....	2,294	214	.....
1981.....	32,819	1,083	.....	2,478	218	.....
1982.....	33,907	1,071	.....	2,729	208	.....
1983.....	34,816	1,077	.....	2,798	213	.....
1984.....	35,880	1,072	.....	3,030	225	.....

<sup>1</sup> Discontinued as of January 1977.

Statistical Reporting Service.

**Table 398.—Cattle: Number slaughtered under Federal inspection, and percentage distribution, by classes, 1970–84**

Year	Number					Percentage of total				
	Steers	Cows and heifers			Bulls and stags	Steers	Cows and heifers			Bulls and stags
		Cows	Heifers	Total			Cows	Heifers	Total	
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1970.....	16,608	5,373	8,304	13,677	507	53.9	17.4	27.1	44.5	1.6
1971.....	17,003	5,627	8,229	13,856	560	54.1	17.9	26.2	44.1	1.8
1972.....	17,749	5,402	8,535	13,937	583	55.0	16.7	26.5	43.2	1.8
1973.....	16,604	5,659	7,645	13,304	613	54.4	18.5	25.1	43.6	2.0
1974.....	17,824	6,794	7,960	14,754	741	53.5	20.4	23.9	44.3	2.2
1975.....	16,071	10,420	9,419	19,839	994	43.6	28.2	25.5	53.7	2.7
1976.....	17,266	9,703	11,116	20,819	907	44.2	24.9	28.6	53.5	2.3
1977.....	17,892	9,128	10,866	19,994	832	46.2	23.6	28.1	51.7	2.1
1978.....	17,308	7,913	10,981	18,894	746	46.9	21.4	29.7	51.1	2.0
1979.....	16,258	5,546	9,112	14,658	586	51.6	17.6	28.9	46.5	1.9
1980.....	16,059	5,925	8,980	14,905	679	50.7	18.7	28.4	47.1	2.2
1981.....	16,437	6,288	9,416	15,654	728	50.1	19.0	28.7	47.7	2.2
1982.....	16,344	6,955	9,893	16,788	774	48.2	20.5	29.0	49.5	2.3
1983.....	16,613	7,215	10,221	17,436	768	47.7	20.7	29.4	50.1	2.2
1984.....	16,688	8,229	10,211	18,440	752	46.5	22.9	28.5	51.4	2.1

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 393

<sup>1</sup> 900 to 1,100 pound weight range; simple average of price range.<sup>2</sup> All weights; simple average of price range.

Agricultural Marketing Service.

## FOOTNOTES FOR TABLE 396

<sup>1</sup> Totals are based on unrounded numbers.

Statistical Reporting Service.



Table 399.—Cattle and calves: Number slaughtered commercially, total and average live weight, by States, 1984 <sup>1</sup>

State	Cattle			Calves		
	Number slaughtered	Total live weight	Average live weight	Number slaughtered	Total live weight	Average live weight
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>
Ala.....	236.6	238,863	1,010	2.9	1,216	421
Ariz.....	439.8	458,619	1,043	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Ark.....	86.6	74,719	862	2.0	836	423
Calif.....	1,734.8	1,918,608	1,106	266.8	43,880	164
Colo.....	2,089.8	2,245,892	1,075	.1	23	220
Del. and Md.....	62.1	70,003	1,127	50.0	17,528	351
Fla.....	392.1	383,017	977	134.4	31,763	236
Ga.....	242.6	216,589	893	16.9	5,824	345
Hawaii.....	57.6	56,758	986	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Idaho.....	806.9	912,706	1,131	.6	209	358
Ill.....	1,193.3	1,256,561	1,053	188.8	41,791	221
Ind.....	249.2	252,072	1,012	187.6	65,705	350
Iowa.....	2,594.1	2,798,495	1,079	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Kans.....	5,355.1	5,832,535	1,089	.4	102	277
Ky.....	170.9	156,393	915	1.1	304	272
La.....	72.3	62,925	870	155.8	71,906	462
Mich.....	594.7	650,304	1,094	80.6	19,631	243
Minn.....	1,085.6	1,232,881	1,136	4.4	973	222
Miss.....	279.3	240,614	861	14.1	6,806	484
Mo.....	547.6	539,740	986	8.8	2,676	306
Mont.....	92.6	93,492	1,009	.2	59	240
Nebr.....	5,316.3	5,788,118	1,089	.2	84	439
Nev.....	7.2	8,183	1,142	.1	34	374
N.Eng. <sup>2</sup> .....	90.2	94,255	1,045	184.0	21,814	119
N.J.....	118.9	148,592	1,250	124.9	39,842	319
N.Mex.....	163.4	159,914	979	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
N.Y.....	245.9	286,126	1,164	631.6	91,627	145
N.C.....	150.3	138,362	921	5.6	1,392	247
N.Dak.....	182.3	194,125	1,065	.4	148	401
Ohio.....	605.8	660,404	1,090	56.7	21,136	372
Okl.....	583.9	584,071	1,000	3.7	1,542	421
Oreg.....	118.4	132,920	1,123	10.4	4,223	407
Pa.....	977.4	1,115,097	1,141	286.7	48,291	168
S.C.....	122.1	122,358	1,002	39.7	16,491	415
S.Dak.....	688.3	759,216	1,103	.2	57	253
Tenn.....	321.2	303,328	944	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Tex.....	6,766.8	6,763,614	1,000	271.4	113,562	418
Utah.....	307.5	344,397	1,120	.4	133	379
Va.....	132.6	132,802	1,001	10.7	3,917	366
Wash.....	991.8	1,139,337	1,149	82.7	13,743	166
W.Va.....	36.6	33,672	921	1.0	279	280
Wis.....	1,259.5	1,471,361	1,168	416.8	102,441	246
Wyo.....	12.1	12,627	1,047	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
U.S. <sup>3</sup> .....	37,581.8	40,084,665	1,067	3,297.3	804,687	244

<sup>1</sup> Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers. Totals may not add due to rounding.

<sup>2</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>3</sup> Data not shown to avoid disclosing individual operations, but are included in U.S. totals.

Statistical Reporting Service.

Table 400.—Beef, dressed (carlots): Average wholesale price per 100 pounds, by grade and weight, 1970-84 <sup>1</sup>

Year	Steer beef		Heifer beef		Cow beef, all weights	
	Choice 700-800 lb.	Good 600-700 lb.	Choice 500-600 lb.	Good 500-600 lb.	Utility Breaking	Canner and Cutter
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1970.....	46.82	44.74	46.26	43.89	39.86	44.72
1971.....	52.39	48.60	51.72	47.97	41.01	45.63
1972.....	55.34	52.90	54.56	51.94	45.97	51.41
1973.....	67.41	64.58	66.44	63.17	58.98	65.78
1974.....	67.09	62.56	66.51	61.93	46.73	53.48
1975.....	73.64	67.88	71.62	65.87	43.20	43.09
1976.....	60.96	58.24	59.75	56.81	49.36	52.00
1977 <sup>2</sup> .....	62.66	58.21	60.94	56.20	45.51	51.55
1978.....	80.80	76.06	78.58	73.00	65.37	74.61
1979.....	101.72	97.32	100.00	95.49	85.64	100.48
1980.....	104.39	100.66	101.86	97.96	79.86	92.45
1981.....	99.85	96.85	97.48	94.55	75.47	84.06
1982.....	101.68	97.82	98.54	94.31	72.64	78.96
1983.....	97.87	93.50	94.45	91.03	70.48	78.48
1984.....	100.17	95.79	96.62	93.42	68.03	74.70

<sup>1</sup> Chicago prices through 1975, with 1975 reflecting only a Jan.-Sept. average. Midwest prices start with 1976.  
<sup>2</sup> Midwest prices; Chicago now included in Midwest Report.

Agricultural Marketing Service.

Table 401.—Hogs and pigs: Number and value, United States, Dec. 1, 1970-84

Year	Number	Value		Year	Number	Value	
		per head	Total			per head	Total
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	67,285	23.50	1,583,712	1978.....	60,356	83.20	5,023,454
1971.....	62,412	28.50	1,779,619	1979.....	67,318	56.00	3,772,812
1972.....	59,017	42.00	2,477,260	1980.....	64,462	74.70	4,815,218
1973.....	60,614	60.40	3,663,168	1981.....	58,698	70.10	4,114,350
1974.....	54,693	44.90	2,457,052	1982.....	54,534	89.90	4,903,494
1975.....	49,267	80.40	3,959,360	1983.....	56,694	58.80	3,330,803
1976.....	54,934	47.00	2,582,568	1984 <sup>1</sup> .....	54,043	75.00	4,053,714
1977.....	56,539	63.20	3,575,279				

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 402.—Hogs and pigs: Number and value, by States, Dec. 1, 1982-84

State	Number			Value					
	1982	1983	1984 <sup>1</sup>	Value per head			Total value		
				1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>
Ala.....	480	440	360	71.50	52.00	64.50	34,320	22,880	23,220
Alaska.....	3.50	3.20	2.40	157.50	143.50	116.50	551	459	280
Ariz.....	170	150	170	102.50	78.00	92.00	17,425	11,700	15,640
Ark.....	490	422	400	88.50	59.50	67.00	43,365	25,109	26,800
Calif.....	160	155	140	91.50	82.50	84.00	14,640	12,788	11,760
Colo.....	290	260	210	88.00	71.50	83.00	25,520	18,590	17,430
Conn.....	8.0	7.2	8.0	96.00	80.50	81.00	786	580	648
Del.....	33	40	36	89.50	62.50	70.00	2,954	2,500	2,500
Fla.....	290	190	160	87.00	58.50	62.00	25,230	11,115	9,920
Ga.....	1,540	1,350	1,200	89.00	54.50	66.00	129,050	73,575	79,200
Hawaii.....	49	48	47	120.00	117.50	124.00	5,880	5,640	5,828
Idaho.....	105	120	112	85.50	73.50	76.50	8,978	8,820	8,568
Ill.....	5,600	5,400	5,400	96.00	58.00	77.00	537,600	313,200	415,800
Ind.....	4,400	4,200	4,300	93.00	64.00	78.00	409,200	268,800	335,400
Iowa.....	14,400	15,000	14,200	92.50	58.50	75.50	1,332,000	877,500	1,072,100
Kans.....	1,670	1,650	1,600	84.50	53.50	69.00	141,115	88,275	110,400
Ky.....	960	1,000	880	84.50	61.50	65.50	81,120	61,500	57,640
La.....	135	110	70	80.00	67.00	79.50	10,800	7,370	5,565
Maine.....	9.4	9.4	8.8	84.50	88.50	86.00	794	832	757
Md.....	200	200	215	87.00	67.00	75.00	17,400	13,400	16,125
Mass.....	46	42	40	88.50	79.00	78.50	4,071	3,318	3,140
Mich.....	900	1,250	1,310	87.50	62.50	82.50	78,750	78,125	108,075
Minn.....	4,000	4,400	4,300	87.50	57.00	72.50	350,000	250,800	311,750
Miss.....	300	300	285	82.50	52.50	74.50	24,750	15,750	21,233
Mo.....	3,500	3,600	3,450	86.50	56.00	74.00	302,750	201,600	255,300
Mont.....	154	180	155	77.50	60.00	67.00	11,935	10,800	10,385
Nebr.....	3,800	4,000	3,700	94.00	64.00	80.50	357,200	256,000	297,850
Nev.....	14	14	13	91.50	88.50	90.00	1,281	1,239	1,170
N.H.....	8.4	9.6	9.0	83.50	82.00	88.00	701	787	792
N.J.....	50	45	50	103.50	81.50	82.00	5,175	3,668	4,100
N. Mex.....	38	30	35	95.00	74.50	89.50	3,610	2,235	3,133
N.Y.....	129	133	139	78.50	68.50	74.50	10,127	9,111	10,356
N.C.....	2,150	2,350	2,300	85.50	51.50	68.50	183,825	121,025	157,550
N.Dak.....	210	260	255	94.00	64.00	75.50	19,740	16,640	19,253
Ohio.....	1,920	2,200	1,970	90.00	55.00	72.00	172,800	121,000	141,840
Okla.....	200	290	220	81.50	57.50	65.00	16,300	16,675	14,300
Oreg.....	110	110	110	77.50	74.00	79.50	8,525	8,140	8,745
Pa.....	870	950	800	77.00	62.50	79.00	66,990	59,375	63,200
R.I.....	4.3	6.4	5.7	90.00	85.50	70.00	387	547	399
S.C.....	440	510	450	83.00	60.00	76.00	36,520	30,600	34,200
S. Dak.....	1,580	1,730	1,600	86.00	54.50	77.00	135,880	94,285	123,200
Tenn.....	750	950	1,100	86.50	53.50	71.00	64,875	50,825	78,100
Tex.....	575	590	415	87.00	61.50	78.00	50,025	36,285	32,370
Utah.....	32	33	28	73.00	80.00	75.50	2,336	2,640	2,114
Vt.....	7.9	7.9	6.8	79.50	79.00	74.50	628	624	507
Va.....	500	550	370	82.50	64.00	75.00	41,250	35,200	27,750
Wash.....	51	53	45	93.00	87.50	75.50	4,743	4,638	3,398
W.Va.....	42	38	37	91.00	74.50	70.00	3,822	2,831	2,590
Wis.....	1,220	1,280	1,300	85.00	54.50	76.50	103,700	69,760	99,450
Wyo.....	29	27	25	72.00	61.00	74.50	2,088	1,647	1,863
U.S.....	54,534	56,694	54,043	89.90	58.80	75.00	4,903,494	3,330,803	4,053,714

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 403.—Sows farrowing and pig crop: Number, United States, 1970–84

Year	Sows farrowing		Pig crop			Year	Sows farrowing		Pig crop		
	Dec.-May	June-Nov.	Dec.-May	June-Nov.	Total		Dec.-May	June-Nov.	Dec.-May	June-Nov.	Total
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1970 .....	7,107	6,876	52,126	49,588	101,714	1977 .....	6,050	6,009	42,960	43,202	86,162
1971 .....	7,237	6,339	51,918	46,006	97,924	1978 .....	6,034	6,398	42,481	46,031	88,512
1972 .....	6,498	5,973	47,523	43,051	90,574	1979 .....	7,176	7,322	50,551	52,241	102,792
1973 .....	6,438	5,869	46,125	41,998	88,123	1980 .....	7,229	6,855	52,288	49,432	101,720
1974 .....	6,315	5,476	44,792	38,952	83,744	1981 .....	6,440	6,268	47,605	46,248	93,853
1975 .....	4,973	4,952	35,530	35,656	71,186	1982 .....	5,664	5,884	41,575	43,614	85,189
1976 .....	5,777	5,850	42,177	42,218	84,395	1983 .....	6,301	6,176	47,409	45,746	93,155
						1984 <sup>1</sup> .....	5,686	5,856	42,322	44,154	86,476

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 404.—Hogs and pigs: Number for breeding and market, United States, 1970–84

Year	All hogs and pigs	Kept for breeding	Market hogs by weight groups						Total
			Under 60 pounds	60 to 119 pounds	120 to 179 pounds	180 to 219 pounds	220 pounds and over		
	June 1								
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	
1970 .....	64,639	10,630	27,294	12,865	8,050	4,376	1,424	54,009	
1971 .....	65,718	9,748	26,489	13,828	8,765	5,257	1,631	55,970	
1972 .....	60,626	9,147	24,616	12,663	8,018	4,757	1,425	51,479	
1973 .....	59,571	8,988	24,332	12,044	8,136	4,782	1,289	50,583	
1974 .....	58,878	8,823	23,654	12,059	7,737	4,920	1,685	50,055	
1975 .....	47,860	7,358	18,396	9,914	6,851	4,271	1,070	40,502	
1976 .....	53,930	8,388	21,798	11,160	7,205	4,365	1,014	45,542	
1977 .....	54,460	8,688	21,558	10,892	7,679	4,592	1,051	45,772	
1978 <sup>1</sup> .....	55,240	8,857	20,934	11,309	8,013	5,016	1,111	46,383	
1979 .....	65,020	10,368	25,223	13,186	9,197	7,046		54,652	
1980 .....	65,255	9,481	25,002	13,550	9,781	7,441		55,774	
1981 .....	59,740	8,358	23,046	12,231	9,047	7,058		51,382	
1982 .....	52,260	7,414	19,074	10,999	8,267	6,506		44,846	
1983 .....	57,945	8,113	22,029	12,031	8,879	6,893		49,832	
1984 <sup>2</sup> .....	52,815	7,401	19,377	11,387	8,111	6,539		45,414	
	Dec. 1								
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	
1970 .....	67,285	9,645	21,288	15,612	11,424	6,925	2,391	57,640	
1971 .....	62,412	8,475	19,912	14,359	10,835	6,626	2,205	53,937	
1972 .....	59,017	8,650	19,303	13,395	10,187	5,783	1,699	50,367	
1973 .....	60,614	8,605	20,142	13,715	10,223	6,103	1,826	52,009	
1974 .....	54,693	7,389	17,732	12,495	9,685	5,740	1,652	47,304	
1975 .....	49,267	7,574	16,255	11,047	8,049	4,837	1,505	41,693	
1976 .....	54,934	8,011	18,714	12,307	8,932	5,292	1,678	46,923	
1977 .....	56,539	8,604	19,424	12,399	9,111	5,495	1,507	47,936	
1978 <sup>1</sup> .....	60,356	9,605	21,244	13,086	9,443	6,979		50,751	
1979 .....	67,318	9,645	22,834	15,429	11,281	8,130		57,674	
1980 .....	64,462	9,118	22,131	13,977	10,996	8,240		55,344	
1981 .....	58,698	7,844	19,490	12,926	10,439	7,999		50,854	
1982 .....	54,534	7,475	18,830	11,942	9,375	6,912		47,059	
1983 .....	56,694	7,391	19,028	12,626	9,985	7,664		49,303	
1984 <sup>2</sup> .....	54,043	6,930	18,035	12,021	9,605	7,452		47,113	

<sup>1</sup> The 180–219 pounds and 220 pounds and over market hog weight groups combined into the 180 pounds and over weight group starting Dec. 1978.

<sup>2</sup> Preliminary.

Statistical Reporting Service.



Table 405.—Hogs: Number in specified countries, 1983-85 <sup>1</sup>

Continent and country	1983	1984	1985 <sup>2</sup>	Continent and country	1983	1984	1985 <sup>2</sup>
	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>		<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>
North America:				Europe—Cont.			
Canada.....	10,070	10,741	10,792	Bulgaria.....	3,810	3,767	3,767
Mexico.....	16,460	13,137	12,329	Czechoslovakia.....	7,126	7,070	6,860
United States <sup>3</sup> .....	54,534	56,694	54,043	German Dem. Rep.....	12,107	13,057	13,111
Total.....	81,064	80,572	77,164	Hungary.....	9,035	9,843	9,800
South America:				Poland.....	17,564	15,858	17,214
Brazil.....	33,500	33,000	33,000	Romania.....	12,644	14,347	14,777
Colombia.....	2,843	2,348	2,389	Yugoslavia.....	8,370	9,337	8,681
Venezuela.....	2,912	2,584	3,060	Total Eastern			
Total.....	38,755	37,932	38,449	Europe.....	70,656	73,279	74,210
Europe:				Total Europe.....	174,799	177,584	177,315
Belgium-Luxembourg.....	5,186	5,254	5,270	Soviet Union.....	76,700	78,700	77,800
Denmark.....	9,504	9,016	8,960	Asia:			
France.....	11,670	11,274	10,137	China.....	300,780	298,540	306,090
Germany, Fed. Rep. of.....	22,478	23,449	23,473	Japan.....	10,273	10,423	10,776
Greece.....	1,304	1,361	1,319	Korea, Rep. of.....	2,183	3,649	3,160
Ireland.....	1,071	1,053	1,020	Philippines.....	7,980	7,613	8,000
Italy.....	9,132	9,187	9,026	Taiwan.....	5,182	5,888	6,561
Netherlands.....	10,590	11,008	11,300	Total.....	326,398	326,113	334,587
United Kingdom.....	8,211	7,769	7,625	Oceania:			
Total EC.....	79,146	79,371	78,130	Australia.....	2,498	2,478	2,523
Austria.....	3,981	3,870	3,915	Total.....	2,498	2,478	2,523
Finland.....	1,467	1,383	1,350	Total selected			
Portugal.....	2,999	2,848	2,900	countries.....	700,214	703,379	707,838
Spain.....	11,682	12,124	12,000				
Sweden.....	2,677	2,705	2,730				
Switzerland.....	2,191	2,004	2,080				
Total Western							
Europe.....	104,143	104,305	103,105				

<sup>1</sup> Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

<sup>2</sup> Preliminary.

<sup>3</sup> 50 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 406.—Sows farrowing and pig crop: Number, by States, 1983 and 1984

State	Sows farrowing				Pig crop					
	1983		1984		1983			1984		
	Dec.-May	June-Nov.	Dec.-May	June-Nov. <sup>1</sup>	Dec.-May	June-Nov.	Total	Dec.-May	June-Nov. <sup>1</sup>	Total <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Ala.....	50	53	43	38	395	382	777	340	285	625
Alaska.....	.45	.39	.25	.23	3.4	3.0	6.4	1.9	1.8	3.7
Ariz.....	18	16	19	18	149	126	275	144	137	281
Ark.....	57	44	46	48	422	348	770	363	379	742
Calif.....	17	15	17	15	128	113	241	121	113	234
Colo.....	37	28	33	19	278	207	485	264	148	412
Conn.....	.60	.80	.40	.60	4.8	5.6	10.4	3.2	4.7	7.9
Del.....	5.5	4.0	4.8	3.6	40	30	70	36	26	62
Fla.....	26	21	25	19	187	145	332	173	131	304
Ga.....	156	146	143	140	1,101	1,043	2,144	1,016	994	2,010
Hawaii.....	4.8	4.9	4.6	4.9	32	35	67	31	35	66
Idaho.....	15	11	14	13	110	89	199	108	96	204
Ill.....	670	650	670	655	4,991	4,645	9,636	4,758	4,800	9,553
Ind.....	485	455	430	440	3,687	3,387	7,074	3,313	3,344	6,657
Iowa.....	1,610	1,575	1,410	1,485	11,993	11,538	23,531	10,446	11,210	21,656
Kans.....	191	174	170	172	1,428	1,305	2,733	1,230	1,302	2,532
Ky.....	110	114	95	100	792	809	1,601	675	720	1,395
La.....	10	11	8.0	7.0	65	74	139	54	47	101
Maine.....	.80	.90	1.3	1.1	6.1	6.1	12.2	10.0	7.6	17.6
Md.....	26	22	27	27	185	172	357	211	205	416
Mass.....	4.9	4.0	3.7	3.7	32	28	60	26	24	50
Mich.....	100	148	110	150	750	1,125	1,875	825	1,155	1,980
Minn.....	510	470	435	445	3,964	3,595	7,559	3,357	3,450	6,807
Miss.....	34	31	34	32	231	233	464	224	227	451
Mo.....	430	455	395	420	3,238	3,312	6,550	2,906	3,119	6,025
Mont.....	17	17	16	17	128	128	256	117	131	248
Nebr.....	415	405	365	370	3,154	3,057	6,211	2,777	2,838	5,615
Nev.....	1.4	1.3	1.5	1.2	11	11	22	12	10	22
N.H.....	.50	.60	.70	.70	4.4	4.7	9.1	5.0	5.3	10.3
N.J.....	2.8	2.8	2.4	2.5	21	20	41	17	17	34
N.Mex.....	3.8	3.4	4.2	4.1	29	26	55	31	29	60
N.Y.....	12	13	12	13	85	101	186	95	105	200
N.C.....	255	240	230	245	2,002	1,860	3,862	1,801	1,928	3,729
N.Dak.....	30	28	27	26	231	204	435	216	198	414
Ohio.....	214	229	197	203	1,676	1,757	3,433	1,498	1,593	3,091
Okla.....	21	18	19	20	179	137	316	133	130	263
Oreg.....	14	14	14	14	102	109	211	116	108	224
Pa.....	80	82	77	68	640	656	1,296	616	544	1,160
RI.....	.50	.40	.40	.40	3.8	3.3	7.1	2.9	3.0	5.9
S.C.....	54	58	42	45	356	394	750	298	315	613
S. Dak.....	160	175	165	174	1,248	1,313	2,561	1,221	1,305	2,526
Tenn.....	100	120	90	130	710	840	1,550	666	949	1,615
Tex.....	65	59	46	48	455	419	874	331	336	667
Utah.....	2.8	2.7	2.3	2.2	21	21	42	16	16	32
Vt.....	1.1	1.1	.80	.90	8.1	9.1	17.2	6.8	6.5	13.3
Va.....	78	71	54	45	569	525	1,094	351	324	675
Wash.....	6.0	5.5	6.0	4.4	42	45	87	50	37	87
W.Va.....	5.6	3.2	2.7	2.4	39	22	61	17	16	33
Wis.....	190	170	170	160	1,463	1,309	2,772	1,275	1,232	2,507
Wyo.....	2.7	2.5	2.4	2.4	19	19	38	17	17	34
U.S.....	6,301	6,176	5,686	5,856	47,409	45,746	93,155	42,322	44,154	86,476

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 407.—Hogs: Production, disposition, cash receipts, and gross income, United States, 1970-84**

Year	Market-ings <sup>1</sup>	Shipped in for feeding and breeding	Farm slaughter <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of production <sup>4</sup>	Cash receipts from sales of hogs, pork, and lard <sup>5</sup>	Value of hogs slaughtered for home consumption	Gross income <sup>6</sup>	Average price per 100 pounds received by farmers
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars
1970 <sup>7</sup> .....	86,919	3,211	1,235	21,822,826	4,954,546	4,619,946	130,898	4,750,844	22.70
1971 .....	98,644	3,639	1,210	22,832,335	3,990,854	4,045,843	98,553	4,144,396	17.50
1972 .....	89,555	3,360	1,158	20,918,802	5,245,034	5,246,914	141,040	5,387,954	25.10
1973 .....	82,419	3,902	1,095	20,154,425	7,738,196	7,529,002	207,729	7,736,731	38.40
1974 .....	85,504	3,979	1,321	19,976,384	6,838,022	6,946,761	219,400	7,166,161	34.20
1975 .....	73,627	3,805	1,193	16,835,178	7,755,699	7,916,425	267,158	8,183,583	46.10
1976 .....	75,747	4,191	1,181	18,169,337	7,856,375	7,487,676	268,802	7,756,478	43.30
1977 .....	80,939	4,258	1,144	19,020,900	7,484,651	7,281,364	262,047	7,543,411	39.40
1978 .....	81,271	4,714	1,086	19,466,200	9,065,998	8,753,229	285,238	9,038,467	46.60
1979 .....	92,499	5,003	1,070	22,617,129	9,423,783	9,039,678	255,136	9,294,814	41.80
1980 .....	100,651	4,668	1,100	23,401,728	8,863,535	8,942,539	214,930	9,157,469	38.00
1981 .....	95,986	4,147	895	21,812,966	9,532,037	9,794,285	206,215	10,000,500	43.90
1982 .....	86,972	3,827	655	19,657,921	10,297,021	10,658,841	178,109	10,836,950	52.30
1983 .....	89,129	3,527	517	21,195,347	9,899,218	9,785,227	123,898	9,909,125	46.80
1984 <sup>8</sup> .....	87,264	3,527	473	20,176,835	9,500,976	9,691,303	115,087	9,806,390	47.10

<sup>1</sup> Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. <sup>2</sup> Excludes custom slaughtered for farmers at commercial establishments. <sup>3</sup> Adjustments made for changes in inventory and for inshipments. <sup>4</sup> Includes allowance for higher average price of State inshipments and outshipments of feeder pigs. <sup>5</sup> Receipts from marketings and sale of farm slaughter includes allowance for higher average price of State outshipments of feeder pigs. <sup>6</sup> Cash receipts from sale of hogs, pork, and lard plus value of hogs slaughtered for home consumption. <sup>7</sup> Data for 12-month period—December of previous year through November of current year. <sup>8</sup> Preliminary.

Statistical Reporting Service.

**Table 408.—Hogs: Receipts at selected public stockyards and direct receipts at interior markets, 1970-84 <sup>1</sup>**

Year	Receipts at selected public stockyards											Direct receipts in interior Iowa and Southern Minnesota <sup>4</sup>
	Chica-go	Den-ver	Fort Worth	Kan-sas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting <sup>2,3</sup>	
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
1970.....	298	217	302	1,262	1,857	1,570	1,839	2,223	1,923	8,526	20,017	21,211
1971.....	( <sup>5</sup> )	429	180	1,244	1,876	1,649	1,917	2,448	2,055	9,777	21,575	22,725
1972.....		355	74	1,087	1,514	1,452	1,747	2,056	1,832	8,181	18,298	20,506
1973.....		( <sup>5</sup> )	65	735	1,337	1,325	1,641	2,357	1,772	7,792	17,024	18,852
1974.....			80	897	1,478	1,530	1,790	2,676	2,365	8,255	19,071	19,979
1975.....			84	559	1,162	1,226	1,420	2,140	1,880	6,630	15,101	16,226
1976.....			77	497	1,102	1,327	1,547	2,423	1,975	7,064	16,012	18,190
1977.....			94	491	1,055	1,458	1,586	2,291	2,003	6,732	15,710	19,781
1978.....			72	445	1,039	1,479	949	1,603	1,543	5,628	12,758	20,194
1979.....			54	453	1,177	1,546	1,051	1,866	1,838	6,367	14,352	22,980
1980.....			72	415	1,101	1,525	994	1,728	1,677	5,993	13,505	24,686
1981.....			54	325	957	1,382	835	1,479	1,616	5,686	12,334	24,386
1982.....			( <sup>5</sup> )	246	821	1,141	740	1,125	1,406	4,671	10,150	21,499
1983.....				239	831	1,222	759	1,013	1,332	4,538	9,934	23,425
1984.....				203	837	1,065	669	960	1,230	4,175	9,139	23,116

<sup>1</sup> Total rail and truck receipts. Saleable receipts 1978 on.

<sup>2</sup> Rounded total of complete figures.

<sup>3</sup> The number of stockyards reporting varies from 41 to 68.

<sup>4</sup> Covers receipts at 14 packing plants and 30 concentration yards.

<sup>5</sup> Data no longer reported.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 409.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1984 (preliminary)

State	Market- ings <sup>1</sup>	Shipped in for feeding and breeding	Farm slaugh- ter <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of produc- tion <sup>4</sup>	Cash receipts from sales of hogs, pork, and lard <sup>5</sup>	Value of hogs slaugh- tered for home consump- tion	Gross income <sup>6</sup>
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	678	8	7	136,393	65,986	69,551	1,466	71,017
Alaska.....	1.6	0	2.5	662	417	469	33	502
Ariz.....	258	10	1	59,762	29,531	28,551	362	28,913
Ark.....	742	21	10	167,648	81,528	81,989	2,183	84,172
Calif.....	245	30	18	54,610	27,085	26,811	2,263	29,074
Colo.....	454	20	2	94,759	45,742	48,494	1,111	49,605
Conn.....	5.9	0	.8	1,646	757	498	213	711
Del.....	66.9	6	.1	13,251	6,385	6,785	22	6,807
Fla.....	316	5	4	57,744	25,212	27,088	618	27,706
Ga.....	2,086	71	20	457,405	208,930	217,458	3,659	221,117
Hawaii.....	60	0	3	11,255	8,666	8,088	582	8,670
Idaho.....	204.5	5	2.5	46,715	20,706	20,359	1,066	21,425
Ill.....	9,374	356	15	2,258,741	1,067,325	1,080,165	4,800	1,084,965
Ind.....	6,626	372	8	1,561,870	735,804	742,968	2,275	745,243
Iowa.....	22,286	1,100	20	5,372,752	2,505,321	2,578,890	7,961	2,586,851
Kans.....	2,612	170	5	641,884	296,437	303,309	2,964	306,273
Ky.....	1,465	40	20	294,342	144,982	150,305	4,714	155,019
La.....	123	2	9	24,756	12,882	14,110	1,509	15,619
Maine.....	15.4	0	1.8	4,752	2,186	1,687	621	2,308
Md.....	396	20	3	82,720	40,834	41,004	497	41,501
Mass.....	49	0	1	9,745	4,483	4,416	269	4,685
Mich.....	1,860	85	10	444,608	207,746	203,601	2,808	206,409
Minn.....	6,721	239	15	1,488,512	710,936	726,857	6,633	733,490
Miss.....	416	4	19	97,554	47,379	45,184	3,345	48,529
Mo.....	5,858	8	15	1,297,710	625,213	632,061	5,013	637,074
Mont.....	257	6	5	58,419	25,621	26,855	671	27,526
Nebr.....	5,903	316	8	1,287,494	606,769	635,407	5,278	640,685
Nev.....	21.8	0	.3	4,688	1,658	1,616	49	1,665
N.H.....	8.7	0	1.2	2,244	1,033	839	252	1,091
N.J.....	75	50	1	13,609	5,561	7,269	299	7,568
N. Mex.....	52	2	2	12,870	6,348	5,510	430	5,940
N.Y.....	177	5	7	41,535	19,219	17,749	1,491	19,240
N.C.....	3,622	108	35	838,807	381,044	380,935	6,783	387,718
N. Dak.....	402	15	7	76,925	34,261	34,887	1,417	36,304
Ohio.....	3,301	190	10	731,518	351,110	371,409	2,805	374,214
Okl.....	328	27	7	85,451	38,511	41,401	2,701	44,102
Oreg.....	210	0	7	53,718	25,785	23,848	1,331	25,179
Pa.....	1,180	0	25	262,820	130,146	133,953	5,816	139,769
R.I.....	6	0	.4	1,348	620	640	66	706
S.C.....	606	0	15	142,432	62,812	61,001	3,109	64,110
S. Dak.....	2,581	55	5	608,942	286,592	296,130	1,660	297,790
Tenn.....	1,399	109	60	344,914	166,185	147,137	10,470	157,607
Tex.....	813	11	10	189,620	86,200	93,569	2,088	95,657
Utah.....	35.1	2	1.4	7,956	3,596	3,627	293	3,920
Vt.....	13	0	1.1	4,044	1,861	1,591	395	1,986
Va.....	792	21	24	158,453	74,241	81,296	4,707	86,003
Wash.....	80	0	7	18,578	8,992	8,961	867	9,828
W. Va.....	27	5	9	10,523	5,191	3,336	2,645	5,981
Wis.....	2,423	31	10	531,093	251,760	248,503	2,139	250,642
Wyo.....	32	2	2	7,038	3,387	3,136	338	3,474
U.S.....	87,264	3,527	473	20,176,835	9,500,976	9,691,303	115,087	9,806,390

<sup>1</sup> Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

<sup>2</sup> Excludes custom slaughter for farmers at commercial establishments.

<sup>3</sup> Adjustments made for changes in inventory and for inshipments.

<sup>4</sup> Includes allowance for higher average price of State inshipments and outshipments of feeder pigs.

<sup>5</sup> Receipts from marketings and sale of farm-slaughter. Includes allowance for higher average price of State outshipments of feeder pigs.

<sup>6</sup> Cash receipts from sales of hogs, pork, and lard plus value of hogs slaughtered for home consumption.

Statistical Reporting Service.



Table 410.—Hogs: Number slaughtered, United States, 1970-84

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>1</sup>				Federally inspected	Other	Total <sup>1</sup>		
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1970.....	78,187	7,630	85,817	1,235	87,052	1977.....	74,019	3,285	77,303	1,144	78,447
1971.....	86,667	7,771	94,438	1,210	95,648	1978.....	74,139	3,176	77,315	1,086	78,401
1972.....	78,759	5,948	84,707	1,158	85,865	1979.....	85,425	3,674	89,099	1,070	90,169
1973.....	72,264	4,531	76,795	1,095	77,890	1980.....	91,882	4,192	96,074	1,100	97,174
1974.....	77,071	4,691	81,762	1,321	83,083	1981.....	87,851	3,724	91,575	895	92,470
1975.....	64,926	3,761	68,687	1,193	69,880	1982.....	79,328	2,861	82,190	655	82,845
1976.....	70,454	3,330	73,784	1,181	74,965	1983.....	84,762	2,823	87,584	517	88,101
						1984.....	82,478	2,690	85,168	473	85,641

<sup>1</sup> Totals are based on unrounded numbers.  
Statistical Reporting Service.

Table 411.—Hogs: Number slaughtered commercially, total and average live weight, by States, 1984 <sup>1</sup>

State	Number slaughtered	Total live weight	Average live weight	State	Number slaughtered	Total live weight	Average live weight
	Thousands	1,000 pounds	Pounds		Thousands	1,000 pounds	Pounds
Ala.....	530.5	155,335	293	Nev.....	3.5	747	213
Ariz.....	261.6	58,696	224	N. Eng <sup>2</sup> .....	79.6	19,267	242
Ark.....	281.7	92,688	329	N.J.....	331.1	69,239	209
Calif.....	1,959.4	447,244	228	N. Mex.....	9.2	2,091	227
Colo.....	211.4	48,889	231	N.Y.....	66.2	15,224	230
Del. and Md.....	60.0	14,520	242	N.C.....	2,335.2	545,011	233
Fla.....	97.2	18,119	186	N. Dak.....	78.4	16,806	214
Ga.....	1,868.0	429,825	230	Ohio.....	3,914.8	923,232	236
Hawaii.....	44.1	8,307	188	Okla.....	158.9	50,571	318
Idaho.....	88.8	21,138	238	Oreg.....	178.7	43,368	243
Ill.....	7,231.0	1,785,927	247	Pa.....	2,138.4	504,053	236
Ind.....	3,451.2	829,247	240	S.C.....	580.2	136,068	235
Iowa.....	20,885.8	5,102,474	244	S. Dak.....	3,336.8	861,392	258
Kans.....	1,506.2	384,145	255	Tenn.....	2,652.1	716,671	270
Ky.....	2,463.1	618,882	251	Tex.....	1,162.5	304,093	262
La.....	83.9	18,991	226	Utah.....	214.0	51,192	239
Mich.....	5,323.3	1,280,809	241	Va.....	3,963.5	914,019	231
Minn.....	5,506.0	1,333,241	242	Wash.....	95.7	22,336	234
Miss.....	2,274.4	533,218	234	W. Va.....	28.9	10,977	379
Mo.....	3,409.8	852,273	250	Wis.....	2,104.9	518,349	246
Mont.....	70.5	17,374	247	Wyo.....	9.7	2,341	241
Nebr.....	4,118.0	948,938	230	U.S.....	85,168.1	20,727,868	243

<sup>1</sup> Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers. Commercial slaughter not estimated in Alaska.

<sup>2</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Statistical Reporting Service.

**Table 412.—Hogs: Number slaughtered, average dressed and live weights, Federally inspected and commercial, 1970-84<sup>1</sup>**

Year	Federally inspected									Commercial		
	Barrows and gilts		Sows		Stags and boars		Total			All hogs and pigs		
	Num- ber head	Avg. dressed weight	Num- ber head	Avg. dressed weight	Num- ber head	Avg. dressed weight	Num- ber head	Avg. dressed weight <sup>2</sup>	Avg. live weight	Num- ber head	Avg. dressed weight <sup>2</sup>	Avg. live weight
	<i>Thou- sands</i>	<i>Pounds</i>	<i>Thou- sands</i>	<i>Pounds</i>	<i>Thou- sands</i>	<i>Pounds</i>	<i>Thou- sands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Thou- sands</i>	<i>Pounds</i>	<i>Pounds</i>
1970.....	72,647		5,015		525		78,187	155	241	85,817	154	240
1971.....	80,557		5,372		738		86,667	156	240	94,438	155	239
1972.....	73,419		4,646		695		78,759	160	240	84,707	159	239
1973.....	67,321		4,201		742		72,264	164	242	76,795	164	241
1974.....	71,048		5,319		704		77,071	167	245	81,762	166	244
1975.....	60,709		3,603		614		64,926	166	240	68,687	165	240
1976.....	66,512		3,399		548		70,454	167	238	73,784	166	238
1977.....	69,191	163	4,055	282	783	237	74,019	170	237	77,303	170	237
1978.....	69,539	164	3,870	290	730	239	74,139	171	240	77,315	171	240
1979.....	79,744	164	4,793	295	888	234	85,425	172	242	89,099	172	242
1980.....	85,653	164	5,161	292	1,068	213	91,882	172	242	96,074	172	242
1981.....	82,206	165	4,609	292	1,036	206	87,851	173	243	91,575	172	243
1982.....	74,411	166	3,959	292	958	202	79,328	173	243	82,190	172	243
1983.....	79,322	166	4,496	293	944	205	84,762	173	243	87,584	173	243
1984.....	77,295	167	4,254	290	929	216	82,478	174	244	85,168	173	243

<sup>1</sup> All weights calculated using unrounded totals. Totals may not add due to rounding.<sup>2</sup> 1970-76 shipper style, beginning 1977 packer style.

Statistical Reporting Service.

**Table 413.—Hogs and corn: Hog-corn price ratio and average price received by farmers for corn, North Central States and United States, 1970-84**

Year	Hog-corn price ratio <sup>1</sup>		Price of corn per bushel <sup>2</sup>		Year	Hog-corn price ratio <sup>1</sup>		Price of corn per bushel <sup>2</sup>	
	United States	North Central States	United States	North Central States		United States	North Central States	United States	North Central States
			<i>Dollars</i>	<i>Dollars</i>				<i>Dollars</i>	<i>Dollars</i>
1970.....	19.1	19.4	1.23	1.21	1978.....	22.4	22.7	2.10	2.08
1971.....	14.0	14.3	1.27	1.25	1979.....	18.3	18.5	2.36	2.33
1972.....	22.1	22.5	1.17	1.15	1980.....	14.4	14.6	2.70	2.68
1973.....	21.7	22.2	1.89	1.87	1981.....	14.9	15.0	2.92	2.90
1974.....	12.2	12.2	2.92	2.91	1982.....	22.4	22.5	2.37	2.36
1975.....	17.1	17.2	2.70	2.68	1983.....	16.6	16.7	2.99	2.97
1976.....	17.5	17.6	2.49	2.48	1984.....	15.3	15.4	3.10	3.08
1977.....	19.8	20.0	2.03	2.02					

<sup>1</sup> Number of bushels of corn required to buy 100 pounds of live hogs at local markets, based on average prices received by farmers for hogs and corn. Annual average is a simple average of monthly ratios, December through November.<sup>2</sup> Average of entire monthly prices.

Statistical Reporting Service.

**Table 414.—Hogs: Average weight and cost of packer and shipper purchases, by classes, at Omaha, and at 7 markets combined, 1970–84**

Year	Omaha					Seven markets <sup>1</sup>				
	Barrows and gilts		Sows		Number of sows as percentage of all purchases	Barrows and gilts		Sows		Number of sows as percentage of all purchases
	Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.		Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.	
	<i>Pounds</i>	<i>Dollars</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Percent</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Percent</i>
1970 .....	240	21.75	449	17.74	12	237	21.95	439	17.83	10
1971 .....	237	18.24	447	15.43	12	235	18.45	434	15.54	10
1972 .....	237	26.36	461	23.11	13	237	26.67	447	23.26	10
1973 .....	239	39.83	458	35.59	13	237	40.27	445	35.94	11
1974 .....	245	34.65	447	29.78	14	241	35.12	436	29.92	11
1975 .....	241	47.93	449	43.67	12	238	48.32	448	43.65	9
1976 .....	240	42.60	457	36.09	13	236	43.11	457	35.92	10
1977 .....	237	40.65	459	36.20	14	234	41.07	454	36.01	10
1978 .....	239	48.29	460	43.36	15	237	48.49	459	43.23	11
1979 .....	241	41.56	450	36.65	18	237	42.06	452	35.43	12
1980 .....	241	39.08	452	36.04	19	237	39.48	447	36.01	12
1981 .....	243	43.87	458	40.40	17	238	44.05	454	40.27	11
1982 .....	244	54.87	454	49.66	19	240	55.07	458	49.59	12
1983 .....	240	47.32	444	40.55	20	239	47.33	455	40.68	13
1984 .....	239	48.53	448	43.04	19	239	48.69	451	43.29	14

<sup>1</sup> Includes Indianapolis, Kansas City, Omaha, National Stock Yards, Sioux City, South St. Joseph, and South St. Paul. Prior to 1970, included Chicago.

Agricultural Marketing Service.

**Table 415.—Pork cuts (less than carlots): Wholesale price per 100 pounds, New York, 1970–84**

Year	Loins, fresh, 8- to 14-lb. average	Butts, Boston style, 4- to 8-lb. average	Hams, smoked, skinned, 14- to 17-lb. average <sup>1</sup>	Bacon, smoked, slab, 8- to 12-lb. average	Year	Loins, fresh, 8- to 14-lb. average	Butts, Boston style, 4- to 8-lb. average	Hams, smoked, skinned, 14- to 17-lb. average <sup>1</sup>	Bacon, smoked, slab, 8- to 12-lb. average
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1970 .....	56.86	43.43	51.68	48.40	1978 .....	109.15	71.77	99.63	.....
1971 .....	49.85	39.35	48.85	36.11	1979 .....	107.65	94.13	94.38	.....
1972 .....	64.46	52.26	56.97	46.70	1980 .....	101.14	87.46	88.99	.....
1973 .....	81.91	71.08	.....	52.14	1981 .....	113.70	97.56	95.55	.....
1974 .....	73.56	61.98	.....	.....	1982 .....	111.51	91.12	91.47	.....
1975 .....	99.28	86.44	89.15	.....	1983 .....	115.91	96.07	95.54	.....
1976 .....	97.68	81.13	91.06	.....	1984 .....	115.81	96.85	99.57	.....
1977 .....	95.25	75.98	89.08	.....					

<sup>1</sup> Delete word "smoked" after 1974.

Agricultural Marketing Service.

**Table 416.—Lard, including rendered pork fat: Stocks Jan. 1, production, trade, and disappearance, United States, 1970-84**

Year	Supply						Disposition					
	Production				Stocks Jan. 1 <sup>1</sup>	Total <sup>2</sup>	Exports and shipments			Domestic disappearance		
	Federal- ly inspec- ted	Other commen- cial	Farm	Total			Ex- ports	Ship- ments	Total	Total	Direct use	
											Total	Per civil- ian
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Mil- lion pounds</i>	<i>Mil- lion pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Mil- lion pounds</i>	<i>Mil- lion pounds</i>	<i>Mil- lion pounds</i>	<i>Mil- lion pounds</i>	<i>Mil- lion pounds</i>	<i>Pounds</i>
1970 .....	1,776	112	25	1,913	70	1,983	366	53	419	1,482	939	4.6
1971 .....	1,830	106	24	1,960	82	2,042	282	62	344	1,598	880	4.2
1972 .....	1,464	76	18	1,550	100	1,658	164	25	189	1,418	787	3.7
1973 .....	1,181	55	18	1,254	51	1,305	113	8	121	1,140	705	3.3
1974 .....	1,286	58	22	1,366	44	1,410	161	21	182	1,192	681	3.2
1975 .....	956	39	17	1,012	36	1,048	88	56	144	876	615	2.8
1976 .....	1,010	33	17	1,060	28	1,088	181	54	235	819	568	2.6
1977 .....	1,022	.....	16	1,038	34	1,072	182	47	229	814	495	2.2
1978 .....	991	.....	15	1,006	29	1,035	120	42	162	835	478	2.2
1979 .....	1,129	.....	15	1,156	38	1,185	96	42	138	1,021	569	2.4
1980 .....	1,207	.....	.....	1,207	50	1,257	92	38	130	1,115	588	2.6
1981 .....	1,159	.....	.....	1,159	49	1,207	.....	.....	<sup>3</sup> 183	1,022	573	2.5
1982 .....	1,011	.....	.....	1,011	37	1,048	.....	.....	132	908	586	2.5
1983 .....	973	.....	.....	973	37	1,010	.....	.....	127	849	487	2.1
1984 <sup>4</sup> .....	939	.....	.....	939	34	973	.....	.....	125	810	491	2.1

<sup>1</sup> Factory and warehouse stocks as reported by the Bureau of the Census.<sup>2</sup> Includes imports, which were less than 500,000 pounds.<sup>3</sup> Exports and shipments reported as total only, beginning 1981.<sup>4</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce and the U.S. Department of Agriculture. Totals and per capita estimates computed from unrounded numbers.

**Table 417.—Lard, including rendered pork fat: United States exports by country of destination, 1981-84**

Continent and country	1981	1982	1983	1984 <sup>1</sup>	Continent and country	1981	1982	1983	1984 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:					Europe:				
Belize .....	1,830	1,424	1,459	1,360	Belgium and Luxembourg .....	0	986	1,012	0
Canada .....	9,046	11,366	7,311	9,062	Poland .....	17,037	0	.....	0
Haiti .....	1,088	2,084	1,456	111	United Kingdom .....	629	584	398	1
Mexico .....	32,639	24,589	19,717	28,599	Other countries .....	902	2,930	.....	28
Netherlands Antilles .....	378	566	398	314	Total .....	18,568	4,500	3,676	29
Panama .....	27	34	23	58	Africa .....				
Other countries .....	352	697	542	501	Asia .....	12	0	17	2
Total .....	45,360	40,760	30,906	40,005	Oceania .....	94	1,079	5,370	88
South America:					Grand total <sup>2</sup> .....	67,901	46,700	40,195	40,358
Bolivia .....	2,053	0	.....	117					
Colombia .....	1,016	73	60	67					
Other countries .....	770	288	165	36					
Total .....	3,839	361	225	220					

<sup>1</sup> Preliminary.<sup>2</sup> May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 418.—Sheep and lambs: Number and value, United States, Jan. 1, 1970-85

Year	Number	Value		Year	Number	Value	
		Per head	Total			Per head	Total
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	20,423	25.10	512,737	1978.....	12,421	51.60	641,476
1971.....	19,731	23.60	465,418	1979.....	12,365	72.10	890,970
1972.....	18,739	22.90	428,861	1980.....	12,699	78.20	993,093
1973.....	17,641	26.70	470,832	1981.....	12,947	69.90	904,303
1974.....	16,310	32.80	534,766	1982.....	12,997	57.10	742,139
1975.....	14,515	30.50	442,491	1983.....	12,140	51.80	628,599
1976.....	13,311	37.30	496,281	1984.....	11,487	52.10	598,904
1977.....	12,722	42.50	540,158	1985 <sup>1</sup> .....	10,443	61.10	637,880

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 419.—Sheep and lambs: Number, by classes, United States, Jan. 1, 1970-85

Year	All sheep and lambs	Sheep and lambs on feed	Stock sheep				
			Total	Lambs		1 year and over	
				Ewes	Wethers and rams	Ewes	Wethers and rams
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1970.....	20,423	2,990	17,433	2,422	475	13,923	613
1971.....	19,731	2,785	16,946	2,280	463	13,609	594
1972.....	18,739	2,894	15,845	1,974	402	12,909	560
1973.....	17,641	2,873	14,768	1,883	354	12,049	482
1974.....	16,310	2,625	13,685	1,804	359	11,058	464
1975.....	14,515	2,079	12,436	1,510	404	10,083	437
1976.....	13,311	1,884	11,427	1,345	350	9,314	418
1977.....	12,722	1,731	10,991	1,401	379	8,850	361
1978.....	12,421	1,623	10,798	1,508	328	8,588	374
1979.....	12,365	1,579	10,786	1,684	356	8,366	380
1980.....	12,699	1,622	11,077	1,810	368	8,533	366
1981.....	12,947	1,649	11,298	1,790	358	8,780	371
1982.....	12,997	1,564	11,433	1,810	423	8,811	389
1983.....	12,140	1,661	10,479	1,420	343	8,343	374
1984.....	11,487	1,718	9,769	1,237	318	7,874	340
1985 <sup>1</sup> .....	10,443	1,596	8,847	1,016	284	7,233	314

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 420.—Stock sheep: Number, by classes, by States, Jan. 1, 1984 and 1985

State	Lambs				One year and over			
	Ewes		Wethers and rams		Ewes		Wethers and rams	
	1984	1985 <sup>1</sup>	1984	1985 <sup>1</sup>	1984	1985 <sup>1</sup>	1984	1985 <sup>1</sup>
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
Alaska.....	0.3	0.2	0.2	0.2	1.6	1.5	1.0	1.0
Ariz.....	48	48	23	25	173	148	12	11
Calif.....	65	63	16	15	796	770	23	22
Colo.....	55	45	15	10	350	325	10	10
Conn.....	1.9	1.4	.4	.5	6.3	6.8	.6	.5
Idaho.....	35	40	4.0	3.0	308	246	8.0	6.0
Ill.....	17	17	4.0	4.0	98	92	6.0	5.0
Ind.....	18	15	3.0	2.0	79	78	5.0	5.0
Iowa.....	39	33	9.0	7.0	260	230	12	10
Kans.....	12	13	4.0	4.0	143	147	6.0	6.0
Ky.....	3.0	3.0	1.0	1.0	23	22	1.0	1.0
La.....	1.2	1.2	.7	.7	7.2	6.5	.8	.8
Maine.....	3.0	3.0	1.0	1.0	15	14	1.0	1.0
Md.....	2.0	2.0	1.0	1.0	12	11	2.0	2.0
Mass.....	1.7	1.7	.5	.7	8.0	8.0	.8	.6
Mich.....	13	12	4.0	3.0	72	73	3.0	4.0
Minn.....	28	23	6.0	5.0	160	150	6.0	7.0
Mo.....	12	11	4.0	3.0	90	89	4.0	4.0
Mont.....	72	60	11	8.0	432	390	15	12
Nebr.....	15	11	3.0	3.0	93	83	4.0	3.0
Nev.....	11	12	1.0	1.0	78	75	2.0	2.0
N.H.....	2.0	2.0	1.0	.5	9.0	9.0	1.0	.5
N.J.....	2.0	2.0	1.0	1.0	7.0	8.0	1.0	1.0
N. Mex.....	57	63	11	13	435	391	22	19
N.Y.....	11	10	6.0	5.0	42	42	2.0	2.0
N.C.....	1.5	1.5	.5	.5	5.8	5.8	.5	.6
N. Dak.....	21	15	5.0	5.0	134	140	5.0	5.0
Ohio.....	28	27	6.0	5.0	185	181	6.0	7.0
Okla.....	8.0	5.0	4.0	3.0	60	54	3.0	3.0
Oreg.....	36	35	10	13	292	270	12	12
Pa.....	15	12	5.0	4.0	77	67	7.0	5.0
S. Dak.....	99	58	16	12	530	480	15	14
Tenn.....	.5	.8	.3	.8	4.8	6.8	.4	.6
Tex.....	215	160	90	80	1,410	1,350	85	80
Utah.....	60	54	4.0	4.0	465	420	11	12
Vt.....	3.0	3.0	1.0	1.0	9.0	10	1.0	1.0
Va.....	16	15	18	18	91	87	5.0	5.0
Wash.....	9.0	7.0	5.0	3.0	45	41	3.0	2.0
W. Va.....	12	8.0	4.0	2.0	72	64	3.0	2.0
Wis.....	8.0	8.0	3.0	2.0	55	51	4.0	5.0
Wyo.....	180	114	15	13	735	590	30	23
U.S.....	1,237.1	1,015.8	317.6	283.9	7,873.7	7,233.4	340.1	313.6

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 421.—Sheep and lambs: Number of stock sheep and sheep on feed, by States, Jan. 1, 1983-85

State	Stock sheep			Sheep on feed <sup>2</sup>		
	1983	1984	1985 <sup>1</sup>	1983	1984	1985 <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Alaska .....	3.3	3.1	2.9			
Ariz .....	293	261	232	50	45	34
Calif .....	920	900	870	195	215	195
Colo .....	450	430	390	300	260	300
Conn .....	7.6	9.2	9.2			
Idaho .....	410	355	295	19	28	18
Ill .....	140	125	118	15	20	18
Ind .....	110	105	100	8	8	10
Iowa .....	340	320	280	117	105	80
Kans .....	182	165	170	60	60	75
Ky .....	23	28	27			
La .....	9.7	9.9	9.2			
Maine .....	18	20	19			
Md .....	18	17	16			
Mass .....	10	11	11			
Mich .....	95	92	92	15	18	18
Minn .....	235	200	185	65	55	70
Mo .....	118	110	107	16	18	16
Mont .....	580	530	470	20	34	45
Nebr .....	120	115	100	85	80	65
Nev .....	102	92	90	8	11	10
N.H .....	11	13	12			
N.J .....	11	11	12			
N. Mex .....	565	525	486	45	64	52
N.Y .....	66	61	59			
N.C .....	9.1	8.3	8.4			
N. Dak .....	175	165	165	47	54	50
Ohio .....	250	225	220	45	40	45
Okla .....	95	75	65	22	40	20
Oreg .....	400	350	330	130	145	100
Pa .....	98	104	88			
S. Dak .....	630	660	564	70	80	75
Tenn .....	8.0	6.0	9.0			
Tex .....	2,050	1,800	1,670	175	170	140
Utah .....	560	540	490	30	28	25
Vt .....	14	14	15			
Va .....	152	130	125			
Wash .....	65	62	53			
W. Va .....	100	91	76			
Wis .....	85	70	66	14	10	15
Wyo .....	950	960	740	110	130	120
U.S .....	10,478.7	9,768.5	8,846.7	1,661	1,718	1,596

<sup>1</sup> Preliminary.<sup>2</sup> Sheep and lambs on feed are animals being fattened for slaughter market on grain, other concentrates, or succulent pastures, and are expected to produce a carcass that will grade Good or better.

Statistical Reporting Service.

Table 422.—Sheep: Number in specified countries, 1983-85<sup>1</sup>

Continent and country	1983	1984	1985 <sup>2</sup>	Continent and country	1983	1984	1985 <sup>2</sup>
	<i>Thou- sand head</i>	<i>Thou- sand head</i>	<i>Thou- sand head</i>		<i>Thou- sand head</i>	<i>Thou- sand head</i>	<i>Thou- sand head</i>
North America:				Europe—Cont.			
United States <sup>3</sup> .....	12,140	11,487	10,443	Hungary .....	3,19	2,977	2,950
Total .....	12,140	11,487	10,443	Poland .....	3,678	3,989	4,258
				Romania .....	16,921	18,451	18,695
South America:				Yugoslavia .....	7,452	7,459	7,671
Argentina .....	33,500	33,844	32,750	Total Eastern			
Uruguay .....	23,301	23,335	22,777	Europe .....	45,180	47,253	48,162
Total .....	56,801	57,181	55,527	Total Europe .....	123,656	126,493	127,434
Europe:				Soviet Union .....	142,182	145,265	142,400
Belgium-Luxembourg .....	92	100	104				
Denmark .....	36	37	40	Africa:			
France .....	12,061	11,892	11,417	Egypt .....	1,600	2,513	3,301
Germany, Fed. Rep. of .....	1,172	1,217	1,254	South Africa .....	22,202	31,265	29,935
Greece .....	8,409	28,832	8,693	Total .....	34,802	33,778	33,236
Ireland .....	2,424	2,531	2,640				
Italy .....	9,257	8,228	8,905	Asia and Mideast:			
Netherlands .....	772	766	777	India .....	40,820	40,890	40,960
United Kingdom .....	22,949	23,246	23,702	Japan .....	21	22	23
Total EC .....	57,172	57,846	57,532	Turkey .....	50,300	50,500	50,700
Portugal .....	3,840	3,840	3,840	Total .....	91,141	91,412	91,683
Spain .....	17,464	17,554	17,900				
Total Western				Oceania:			
Europe .....	78,476	79,240	79,272	Australia .....	133,237	139,246	144,000
Bulgaria .....	10,761	10,978	11,000	New Zealand .....	70,301	70,263	70,344
Czechoslovakia .....	990	1,040	1,060	Total .....	203,538	209,509	214,344
German Dem. Rep. ....	2,198	2,359	2,528	Total selected			
				countries .....	664,260	675,125	675,067

<sup>1</sup> Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

<sup>2</sup> Preliminary.

<sup>3</sup> 50 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.



Table 423.—Lamb crop: Number of lambs as percentage of ewes one year old and older, by States, 1982-84 <sup>1</sup>

State	1982		1983		1984 <sup>2</sup>	
	Number	Lamb crop as percent of ewes one year old and over, Jan. 1	Number	Lamb crop as percent of ewes one year old and over, Jan. 1	Number	Lamb crop as percent of ewes one year old and over, Jan. 1
	Thousands	Percent	Thousands	Percent	Thousands	Percent
Alaska .....	0.7	37	0.7	44	0.7	44
Ariz .....	180	77	150	75	125	70
Calif .....	750	88	730	91	720	90
Colo .....	440	112	410	112	375	107
Conn .....	7.0	117	6.5	118	8.4	133
Idaho .....	480	123	435	122	365	119
Ill .....	133	107	128	121	117	129
Ind .....	105	109	100	119	102	129
Iowa .....	340	120	320	119	320	123
Kans .....	162	121	156	102	165	115
Ky .....	20	100	23	121	25	109
La .....	6.6	99	6.5	98	6.4	89
Maine .....	16	123	15	115	17	113
Md .....	15	107	13	100	14	117
Mass .....	9.1	114	8.2	117	10	125
Mich .....	90	115	90	118	100	139
Minn .....	245	123	235	126	225	141
Mo .....	120	130	112	117	117	130
Mont .....	470	103	475	103	455	105
Nebr .....	125	119	115	121	110	118
Nev .....	92	97	85	99	83	106
N.H .....	9.0	129	10.0	125	12	133
N.J .....	7.8	115	8.3	112	9.0	129
N. Mex .....	375	80	350	77	340	78
N.Y .....	54	110	53	115	51	121
N.C .....	6.0	102	6.5	100	6.5	112
N. Dak .....	190	115	170	123	180	134
Ohio .....	230	111	230	112	220	119
Okla .....	70	100	65	89	60	100
Oreg .....	380	109	333	103	315	108
Pa .....	80	84	80	107	80	104
S. Dak .....	640	113	650	125	610	115
Tenn .....	7.5	100	6.0	100	6.5	135
Tex .....	1,200	75	1,150	73	1,120	79
Utah .....	446	88	440	92	430	92
Vt .....	13	118	12	120	14	156
Va .....	134	112	122	107	115	126
Wash .....	66	120	58	126	50	111
W. Va .....	100	118	90	113	80	111
Wis .....	105	130	81	119	73	133
Wyo .....	660	88	680	96	540	73
U.S .....	8,579.7	97	8,208.7	98	7,772.5	99

<sup>1</sup> Lamb crop defined as lambs born in the native States and lambs docked or branded in the Western States.<sup>2</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 437

<sup>1</sup> Includes shearing at commercial feeding yards.<sup>2</sup> For Texas and California, the weight per fleece is the amount of wool shorn per sheep and lamb during the year.<sup>3</sup> Production multiplied by annual average price.<sup>4</sup> Preliminary.<sup>5</sup> Price per pound calculated by weighting monthly prices by monthly sales of wool for footnoted States. The prices for remaining States are annual averages.<sup>6</sup> U.S. average price per pound derived using unrounded value and production.

Statistical Reporting Service.

**Table 424.—Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1970–84**

Year	Lamb crop <sup>1</sup>	Marketings <sup>2</sup>		Inshipments	Farm slaughter	Quantity produced (live weight) <sup>3</sup>
		Sheep	Lambs			
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 pounds</i>
1970.....	13,465	1,983	12,840	4,032	249	1,099,385
1971.....	12,998	2,202	12,627	4,004	236	1,070,502
1972.....	12,599	2,170	12,383	3,976	224	1,004,102
1973.....	11,500	2,198	10,879	3,275	202	895,776
1974.....	10,509	2,172	9,888	2,629	217	806,755
1975.....	9,857	1,812	9,039	2,349	212	785,394
1976.....	8,888	1,495	8,120	2,469	202	733,026
1977.....	8,573	1,450	7,361	2,148	198	706,395
1978.....	7,927	1,439	6,529	2,148	174	686,869
1979.....	7,974	1,347	6,336	2,143	172	704,593
1980.....	8,257	1,395	6,743	2,216	166	746,343
1981.....	8,820	1,510	7,103	1,885	189	772,382
1982.....	8,580	2,124	7,358	2,115	195	785,425
1983.....	8,209	1,820	7,104	1,838	171	767,553
1984 <sup>4</sup> .....	7,773	1,805	6,994	1,848	141	692,185

  

Year	Value of production	Cash receipts for sales of sheep, lambs, and mutton and lamb <sup>5</sup>	Value of sheep and lambs slaughtered for home consumption	Gross income <sup>6</sup>	Average price per 100 pounds received by farmers	
					Sheep	Lambs
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1970.....	260,373	333,746	5,691	339,437	7.52	26.40
1971.....	250,159	322,982	5,399	328,381	6.56	25.90
1972.....	271,434	353,803	5,725	359,528	7.26	29.10
1973.....	293,732	389,585	6,895	396,480	12.90	35.10
1974.....	272,048	368,747	7,870	376,617	11.20	37.00
1975.....	303,328	385,804	8,470	394,274	11.30	42.10
1976.....	315,581	393,101	9,173	402,274	13.10	46.90
1977.....	320,323	386,372	9,866	396,238	13.50	51.30
1978.....	381,621	452,935	11,223	464,158	21.80	62.80
1979.....	406,766	470,387	11,774	482,161	26.30	66.70
1980.....	402,689	470,782	11,636	482,418	21.10	63.60
1981.....	359,085	416,081	12,334	428,415	21.20	54.90
1982.....	355,703	445,134	13,000	458,134	19.50	53.10
1983.....	356,690	426,356	10,599	436,955	15.70	53.90
1984 <sup>4</sup> .....	375,584	465,450	11,129	476,579	16.40	60.10

<sup>1</sup> Lamb crop defined as lambs born in the native States, plus lambs docked or branded in the Western States for the period Oct. 1 through Sept. 30. <sup>2</sup> Includes animals custom slaughtered for use on farms where produced, but excludes interim sales within the State. <sup>3</sup> Adjustments made for changes in inventory and for inshipments. <sup>4</sup> Preliminary. <sup>5</sup> Receipts from marketings and sale of farm-slaughtered meat. <sup>6</sup> Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption.

Statistical Reporting Service.

**Table 425.—Sheep and lambs: Average price per 100 pounds at Omaha, 1970–84 <sup>1</sup>**

Year beginning May	Sheep			Lambs			Year beginning May	Sheep			Lambs		
	May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.		May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>		<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1970.....	7.07	5.80	6.54	27.55	26.03	26.92	1978.....	16.61	21.50	17.69	61.68	68.15	64.38
1971.....	5.04	4.93	4.99	28.16	28.48	28.29	1979.....	18.75	17.00	18.22	64.93	63.53	64.34
1972.....	6.16	8.40	7.09	30.80	35.47	32.75	1980.....	13.36	15.94	14.30	63.70	53.85	59.60
1973.....	11.96	13.81	12.64	36.41	38.70	37.37	1981.....	12.46	15.98	13.93	56.32	53.15	54.08
1974.....	6.98	7.80	7.32	40.46	42.10	41.15	1982.....	11.27	14.40	12.57	54.21	55.80	54.88
1975.....	8.75	11.92	10.07	45.14	51.44	47.77	1983.....	9.43	13.20	11.00	52.66	58.90	55.26
1976.....	9.95	11.83	10.78	45.39	50.50	47.52	1984.....	11.27	20.62	15.17	62.64	65.28	63.74
1977.....	10.82	13.75	12.04	53.30	64.43	57.94							

See footnotes on page 286.

Table 426.—Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1984 (preliminary)

State	Marketings <sup>1</sup>		Shipped in	Slaughter on farms <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of production	Cash receipts from sales of sheep, lambs, and mutton and lamb <sup>4</sup>	Value of sheep and lambs slaughtered for home consumption	Gross income <sup>5</sup>
	Sheep	Lambs							
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Alaska.....	0.1	0	0	0.2	20	8	12	7	19
Ariz.....	131	88	99	20	11,640	4,288	7,511	626	8,137
Calif.....	89	737	191	23	78,520	44,694	51,209	2,327	53,536
Colo.....	134	563	425	3	48,733	27,445	42,483	181	42,664
Conn.....	1.6	5.6	0	.2	703	550	513	52	565
Idaho.....	85	326	25	4	34,679	20,803	22,792	506	23,298
Ill.....	20	124	43	3	11,745	6,123	7,715	611	8,326
Ind.....	16	63	2	3	7,810	3,483	3,334	328	3,662
Iowa.....	46	320	64	3	28,924	17,445	22,484	360	22,844
Kans.....	7	155	48	1	16,435	9,696	10,272	201	10,473
Ky.....	7	16	4	1	2,141	1,159	1,105	119	1,224
La.....	1.3	2.4	0	.9	353	170	144	40	184
Maine.....	4.2	11.2	0	.2	1,292	955	923	86	1,009
Md.....	3	10	2	1	1,087	539	570	105	675
Mass.....	2	6.5	0	.3	801	651	553	91	644
Mich.....	10	71	0	2	9,369	4,772	4,587	255	4,842
Minn.....	40	204	63	1	22,272	12,653	14,448	248	14,696
Mo.....	8	89	3	1	9,051	4,846	5,043	144	5,187
Mont.....	88	323	25	3	30,792	17,185	18,568	227	18,795
Nebr.....	29	188	110	1	11,479	6,470	11,968	105	12,073
Nev.....	7	215	164	3	10,775	5,372	12,937	110	13,047
N.H.....	2.9	8	0	.5	1,019	774	777	77	854
N.J.....	1.5	4.7	.2	.5	784	374	260	77	337
N. Mex.....	99	264	82	27	18,423	9,506	12,838	887	13,725
N.Y.....	12	31	3	2	3,754	1,792	1,812	219	2,031
N.C.....	1.1	3.1	0	.4	415	184	152	28	180
N. Dak.....	9.5	151	16.5	1	14,281	7,619	8,386	121	8,507
Ohio.....	23	153	2	4	17,340	9,467	9,136	334	9,470
Okl.....	13	62	12	2	4,896	2,487	3,777	218	3,995
Oreg.....	34	269	0	5	26,266	14,452	16,555	477	17,032
Pa.....	24	50	0	3	5,690	3,281	3,505	291	3,796
S. Dak.....	123	502	55	3	54,803	29,716	35,775	246	36,021
Tenn.....	1.2	3.7	3.1	.2	513	263	221	10	231
Tex.....	320	990	222	2	112,735	57,946	71,315	179	71,494
Utah.....	71.5	335.5	12	6	38,330	20,165	21,772	345	22,117
Vt.....	2.2	8.3	0	.3	1,257	893	741	103	844
Va.....	27	63	0	1	9,015	3,900	3,913	116	4,029
Wash.....	15	36	2	3	4,670	2,183	2,455	178	2,633
W. Va.....	21	58	1	1	5,786	2,978	3,329	148	3,477
Wis.....	8	52	3	1	5,694	3,283	3,094	147	3,241
Wyo.....	262	427	166	3	27,894	15,062	26,466	199	26,665
U.S.....	1,805	6,994	1,848	141	692,185	375,584	465,450	11,129	476,579

<sup>1</sup> Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

<sup>2</sup> Excludes custom slaughter for farmers at commercial establishments.

<sup>3</sup> Adjustments made for changes in inventory and for inshipments.

<sup>4</sup> Receipts from marketings and sale of farm-slaughter.

<sup>5</sup> Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption.

Statistical Reporting Service.

## FOOTNOTES FOR TABLES 425

<sup>1</sup> Simple average of monthly bulk-of-sales prices from data of the livestock reporting service. Agricultural Marketing Service.

Table 427.—Sheep and lambs: Receipts at selected public stockyards, 1970-84 <sup>1</sup>

Year	Chica- go	Den- ver	Fort Worth	Kan- sas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others report- ing	Total markets report- ing <sup>2 3</sup>
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
1970 .....	24	137	351	69	134	86	253	333	153	2,155	3,695
1971 .....	<sup>4</sup> 6	104	144	55	123	77	97	238	104	1,931	2,879
1972 .....		9	17	43	111	60	83	228	107	1,895	2,553
1973 .....		( <sup>5</sup> )	12	36	97	41	67	243	102	1,779	2,377
1974 .....			10	29	88	35	52	254	98	1,679	2,245
1975 .....			7	22	81	29	41	247	81	1,394	1,902
1976 .....			5	19	76	28	36	218	55	1,325	1,707
1977 .....			4	14	73	25	36	165	47	1,247	1,611
1978 .....			2	12	51	22	19	126	29	993	1,254
1979 .....			1	14	54	18	20	126	23	1,037	1,293
1980 .....			1	21	52	16	20	146	24	1,034	1,314
1981 .....			1	20	44	17	17	146	25	1,033	1,303
1982 .....			( <sup>5</sup> )	21	33	21	18	137	24	1,176	1,430
1983 .....				17	24	22	21	131	18	1,072	1,305
1984 .....				15	21	22	19	116	12	1,093	1,298

<sup>1</sup> Total rail and truck receipts unloaded at public stockyards. Saleable receipts only, 1978.<sup>2</sup> Rounded totals of complete figures.<sup>3</sup> The number of stockyards reporting varies from 41 to 68.<sup>4</sup> Market closed Aug. 1, 1971.<sup>5</sup> Data no longer reported.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 428.—Sheep and lambs: Number slaughtered commercially, total and average live weight, by States, 1984 <sup>1</sup>

State	Number slaugh- tered	Total live weight	Average live weight	State	Number slaugh- tered	Total live weight	Average live weight
	<i>Thou- sands</i>	<i>1,000 pounds</i>	<i>Pounds</i>		<i>Thou- sands</i>	<i>1,000 pounds</i>	<i>Pounds</i>
Ala.....	0.2	17	91	N. Eng <sup>2</sup> .....	31.4	2,873	91
Ariz.....	2.1	241	112	N.J.....	57.4	5,564	97
Ark.....	1.6	165	104	N. Mex.....	74.6	7,481	100
Calif.....	1,403.0	159,828	114	N.Y.....	51.8	4,828	93
Colo.....	1,419.8	165,447	117	N.C.....	1.3	114	88
Del. and Md.....	33.3	3,430	104	N. Dak.....	1.0	112	111
Fla.....	.9	65	70	Ohio.....	30.0	3,014	100
Ga.....	.8	84	100	Okla.....	4.8	544	113
Hawaii.....	.1	6	76	Oreg.....	14.3	1,531	107
Idaho.....	8.1	906	111	Pa.....	173.2	17,694	102
Ill.....	226.0	24,856	110	S.C.....	.2	21	101
Ind.....	13.6	1,367	100	S. Dak.....	498.1	56,775	114
Iowa.....	832.4	96,815	116	Tenn.....	1.1	124	118
Kans.....	5.8	697	120	Tex.....	789.9	72,672	92
Ky.....	11.9	1,346	113	Utah.....	31.0	3,523	113
La.....	4.7	455	97	Va.....	6.2	659	106
Mich.....	341.7	38,347	112	Wash.....	165.7	18,643	112
Minn.....	467.1	53,796	115	W. Va.....	1.5	129	85
Mo.....	28.1	2,823	100	Wis.....	11.3	1,121	99
Nebr.....	4.0	416	105	Wyo.....	2.3	251	111
Nev.....	2.7	311	113	U.S.....	6,759.0	749,559	111

<sup>1</sup> Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms.<sup>2</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Statistical Reporting Service.



Table 429.—Sheep and lambs: Number slaughtered, United States, 1970-84

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federal-ly inspected	Other	Total <sup>1</sup>				Federal-ly inspected	Other	Total <sup>1</sup>		
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands		Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
1970 .....	10,010	542	10,552	249	10,801	1978 .....	5,169	200	5,369	174	5,543
1971 .....	10,256	473	10,729	236	10,965	1979 .....	4,833	184	5,017	172	5,189
1972 .....	9,905	396	10,301	224	10,525	1980 .....	5,363	216	5,579	166	5,745
1973 .....	9,234	363	9,597	202	9,799	1981 .....	5,789	219	6,008	189	6,197
1974 .....	8,556	291	8,847	217	9,064	1982 .....	6,273	175	6,449	195	6,644
1975 .....	7,552	283	7,835	212	8,047	1983 .....	6,412	207	6,619	171	6,790
1976 .....	6,474	240	6,714	202	6,916	1984 .....	6,549	210	6,759	141	6,900
1977 .....	6,133	223	6,356	198	6,554						

<sup>1</sup> Totals are based on unrounded numbers.

Statistical Reporting Service.

Table 430.—Sheep and lambs: Number slaughtered, average dressed and live weights, percentage distribution, by class, Federally inspected and commercial, 1970-84 <sup>1</sup>

Year	Federally inspected									Commercial		
	Lambs and yearlings			Mature sheep			Total			All sheep and lambs		
	Num-ber head	Pct. of total	Avg. dressed weight	Num-ber head	Pct. of total	Avg. dressed weight	Num-ber head	Avg. dressed weight	Avg. live weight	Num-ber head	Avg. dressed weight	Avg. live weight
	Thou-sands	Per-cent	Pounds	Thou-sands	Per-cent	Pounds	Thou-sands	Pounds	Pounds	Thou-sands	Pounds	Pounds
1970.....	9,298	92.9	.....	711	7.1	.....	10,010	52	105	10,552	52	104
1971.....	9,437	92.0	.....	819	8.0	.....	10,256	51	104	10,729	51	104
1972.....	9,229	93.2	.....	677	6.8	.....	9,905	52	105	10,301	52	105
1973.....	8,426	91.2	.....	808	8.8	.....	9,234	53	108	9,597	53	107
1974.....	7,987	93.3	.....	569	6.7	.....	8,556	52	105	8,847	52	105
1975.....	6,993	92.6	.....	558	7.4	.....	7,552	51	109	7,835	51	104
1976.....	6,058	93.6	.....	416	6.4	.....	6,474	54	108	6,714	54	109
1977.....	5,643	92.0	54	489	8.0	55	6,133	54	108	6,356	54	108
1978.....	4,810	93.1	57	359	6.9	56	5,169	56	113	5,369	56	112
1979.....	4,499	93.1	57	334	6.9	55	4,833	57	114	5,017	57	114
1980.....	4,970	92.7	56	393	7.3	53	5,363	56	112	5,579	56	112
1981.....	5,388	93.1	55	401	6.9	53	5,789	55	110	6,008	54	110
1982.....	5,820	92.8	56	454	7.2	53	6,273	56	111	6,449	56	111
1983.....	5,933	92.5	56	479	7.5	54	6,412	56	113	6,619	56	112
1984.....	6,035	92.2	56	513	7.8	54	6,549	56	111	6,759	56	111

<sup>1</sup> All percents and weights calculated using unrounded totals.

Statistical Reporting Service.

Table 431.—Livestock: Average price per 100 pounds received by farmers, by States, 1983 and 1984

State	Cows <sup>1</sup>		Steers and heifers		Beef cattle <sup>2</sup>		Calves	
	1983	1984	1983	1984	1983	1984	1983	1984
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Ala.....	37.80	36.50	55.80	54.10	47.00	45.70	57.00	54.60
Alaska.....	50.00	47.00	69.00	67.00	62.00	61.00	65.00	70.00
Ark.....	38.00	38.30	61.50	63.40	58.20	60.30	63.20	59.40
Calif.....	36.70	35.20	54.70	54.20	44.90	43.30	58.40	56.50
Colo.....	39.30	39.40	59.80	61.00	53.30	53.80	57.10	56.30
Conn.....	38.40	37.20	62.60	64.90	61.30	63.30	66.90	65.00
Del.....	36.00	37.00	42.00	44.00	41.00	43.00	52.00	53.00
Fla.....	39.80	39.70	56.60	58.00	49.90	51.60	67.00	64.50
Ga.....	38.70	36.90	56.30	59.10	48.10	49.80	61.90	59.10
Hawaii.....	37.60	36.90	53.60	51.40	46.00	44.10	54.60	51.20
Idaho.....	35.10	32.40	53.30	50.20	49.70	46.60	42.00	40.00
Ill.....	37.70	36.50	59.40	60.00	54.20	54.50	60.50	59.10
Ind.....	38.50	38.20	59.50	61.90	56.50	58.00	57.70	56.30
Iowa.....	38.50	38.00	58.00	60.10	54.30	54.20	55.90	52.00
Kans.....	38.50	37.70	61.20	63.10	57.00	56.80	60.70	59.60
Ky.....	38.00	37.60	59.90	64.20	57.80	62.50	63.10	62.20
La.....	37.40	36.20	51.50	50.90	46.20	45.00	55.40	52.90
Maine.....	36.90	34.20	55.50	54.10	43.20	40.70	53.30	55.80
Md.....	38.00	39.00	43.00	44.00	42.00	43.00	45.00	48.00
Mass.....	39.80	39.70	56.60	58.00	49.90	51.60	67.00	64.50
Mich.....	36.00	35.00	44.00	44.00	42.00	42.00	52.00	52.00
Minn.....	39.10	38.50	54.30	56.50	47.20	48.20	57.00	54.10
Miss.....	37.90	37.90	54.10	55.10	47.60	48.60	59.70	55.60
Mo.....	36.80	34.70	55.60	55.20	43.40	41.50	58.30	56.70
Mont.....	38.20	37.30	59.60	60.30	55.40	53.50	60.50	58.50
Nebr.....	36.80	36.40	58.40	58.70	48.00	47.20	62.40	60.90
Nev.....	38.50	38.00	61.00	64.00	59.50	62.60	65.50	65.40
N.H.....	36.90	35.70	53.50	54.60	43.40	45.20	61.40	59.30
N.J.....	38.00	37.00	44.00	45.00	43.00	43.00	45.00	48.00
N. Mex.....	40.90	39.60	51.80	52.90	42.30	41.50	65.10	60.90
N.Y.....	37.60	37.20	57.00	56.70	46.50	46.00	65.20	63.10
N.C.....	37.20	36.90	47.10	45.30	38.00	37.60	59.20	70.50
N. Dak.....	39.40	39.00	50.60	53.00	44.70	45.70	55.20	53.60
Ohio.....	36.80	36.20	59.80	59.80	52.90	52.70	62.80	62.30
Okla.....	37.90	37.70	56.40	59.50	51.50	54.80	54.60	52.40
Oreg.....	36.00	35.10	59.40	60.60	51.40	51.00	60.40	58.50
Pa.....	37.20	36.90	53.70	55.80	46.90	48.70	57.90	57.20
R.I.....	38.40	37.60	56.30	57.70	49.60	49.90	70.00	64.30
S.C.....	36.00	36.00	43.00	44.00	42.00	43.00	52.00	53.00
S. Dak.....	39.70	39.30	52.80	52.20	41.30	41.20	56.60	55.00
Tenn.....	40.20	39.40	60.50	61.60	57.10	57.80	64.60	66.20
Tex.....	36.70	36.20	53.00	52.50	45.40	44.60	55.90	54.10
Utah.....	37.80	35.20	61.90	63.90	59.30	60.00	62.50	60.70
Vt.....	38.00	36.70	57.10	60.80	48.40	58.60	62.40	60.70
Wash.....	37.00	36.00	42.00	45.00	41.00	43.00	47.00	48.00
W. Va.....	37.20	36.30	53.20	53.30	47.50	47.50	54.30	52.60
Wis.....	38.40	37.50	61.70	62.90	60.60	61.70	55.20	55.10
Wyo.....	38.30	35.20	47.50	52.30	43.10	45.50	58.60	53.00
.....	38.60	38.70	54.00	56.60	46.40	47.40	97.90	90.80
.....	41.50	40.50	59.50	61.50	54.50	55.50	67.30	65.30
U.S.....	38.10	37.20	60.10	62.30	55.50	57.30	61.70	59.90

See footnotes at the end of table.

Table 431.—Livestock: Average price per 100 pounds received by farmers, by States, 1983 and 1984—Continued

State	Hogs <sup>3</sup>		Sheep		Lambs	
	1983	1984	1983	1984	1983	1984
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	47.10	47.20				
Alaska.....	75.00	63.00	35.00	35.00	70.00	75.00
Ariz.....	49.20	49.70	15.70	17.90	55.70	60.70
Ark.....	45.00	48.50				
Calif.....	51.50	49.70	17.90	17.40	56.40	59.70
Colo.....	47.80	48.30	14.80	15.50	56.50	61.50
Conn.....	42.00	46.00	38.00	38.00	95.00	96.00
Del.....	48.70	48.00				
Fla.....	44.10	43.50				
Ga.....	45.90	45.80				
Hawaii.....	75.80	77.00				
Idaho.....	45.40	44.40	16.20	13.10	50.90	60.50
Ill.....	46.90	47.50	17.40	16.30	50.80	58.20
Ind.....	47.00	47.40	15.80	16.20	45.50	53.60
Iowa.....	46.70	46.80	15.00	15.90	53.50	61.90
Kans.....	46.10	46.50	17.10	15.60	55.10	60.80
Ky.....	47.60	48.10	15.50	12.00	52.00	61.00
La.....	52.00	52.00	20.00	21.00	57.00	61.00
Maine.....	42.00	46.00	34.00	36.00	88.00	90.00
Md.....	48.70	48.00	17.50	20.00	50.90	58.60
Mass.....	42.00	46.00	36.00	36.00	93.00	96.00
Mich.....	47.00	46.80	14.00	14.00	53.00	59.00
Minn.....	46.90	47.50	14.10	14.70	56.00	62.10
Miss.....	47.10	48.50				
Mo.....	46.70	47.40	14.50	16.00	48.50	57.50
Mont.....	43.90	43.90	11.40	14.30	47.80	60.30
Nebr.....	46.90	47.40	18.20	17.70	53.00	60.60
Nev.....	39.50	35.00	9.90	14.80	40.80	51.80
N.H.....	42.00	46.00	35.00	35.00	91.00	92.00
N.J.....	51.60	47.40	27.60	32.60	53.80	57.20
N. Mex.....	49.10	48.90	15.00	21.10	50.10	56.80
N.Y.....	46.20	46.30	18.10	17.20	55.10	64.30
N.C.....	46.30	45.60	20.00	21.50	52.00	55.10
N. Dak.....	43.00	44.00	13.80	12.60	50.60	57.80
Ohio.....	46.20	48.30	18.00	17.30	53.00	59.20
Okla.....	48.80	45.00	15.00	15.00	48.30	57.40
Oreg.....	49.10	48.00	11.30	12.70	50.20	56.80
Pa.....	48.90	49.50	17.30	17.60	62.40	64.60
R.I.....	42.00	46.00				
S.C.....	44.80	44.10				
S. Dak.....	46.70	46.70	17.10	16.00	54.30	60.50
Tenn.....	46.70	47.10	18.10	20.50	56.40	59.00
Tex.....	45.20	45.50	15.70	18.30	54.40	59.70
Utah.....	47.20	45.50	14.50	14.10	49.80	57.70
Vt.....	42.00	46.00	33.00	36.00	87.00	88.00
Va.....	46.40	46.70	14.80	13.00	50.60	61.00
Wash.....	49.40	48.40	11.30	12.90	49.50	56.40
W. Va.....	46.70	49.40	12.70	13.50	48.10	59.50
Wis.....	45.60	46.50	11.00	11.10	55.00	63.40
Wyo.....	46.50	46.90	12.00	13.40	51.40	60.60
U.S.....	46.80	47.10	15.70	16.40	53.90	48.50

<sup>1</sup> Includes cull dairy cows sold for slaughter, but not cows for dairy herd replacement.<sup>2</sup> Weighted average of prices for cows, and for steers and heifers.<sup>3</sup> December of preceding year through November.

Statistical Reporting Service.

**Table 432.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, value of production, pulled wool production, exports, imports, total new supply of apparel wool, and imports of carpet wool, United States, 1970-84**

Year	Sheep and lambs shorn <sup>1</sup>	Weight per fleece	Shorn wool production	Price per pound <sup>2</sup>	Value of production <sup>3</sup>	Pulled wool production	
						Average weight per skin	Total
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>Pounds</i>	<i>1,000 pounds</i>
1970.....	19,163	8.43	161,587	35.4	57,162	3.40	15,200
1971.....	19,036	8.41	160,156	19.6	31,416	3.46	12,000
1972.....	18,770	8.44	158,506	35.0	55,496	3.40	9,700
1973.....	17,425	8.25	143,738	82.7	118,839	3.49	8,000
1974.....	15,956	8.23	131,382	59.2	77,788	3.31	5,700
1975.....	14,403	8.30	119,535	44.8	53,505	3.35	6,000
1976.....	13,536	8.21	111,100	66.0	73,332	3.34	4,850
1977.....	13,217	8.12	107,328	72.0	77,276	3.30	2,450
1978.....	12,719	8.09	102,942	74.5	76,690	3.15	1,000
1979.....	13,069	8.02	104,867	86.3	90,536	3.20	900
1980.....	13,263	7.95	105,419	88.1	92,846	3.10	1,050
1981.....	13,493	8.14	109,787	94.4	103,665	3.05	1,150
1982.....	13,199	8.04	106,129	68.6	72,782	( <sup>4</sup> )	( <sup>5</sup> )
1983.....	12,865	8.00	102,886	61.2	62,978	.....	.....
1984 *.....	12,015	7.74	92,944	79.5	73,859	.....	.....

Year	Total wool production <sup>6</sup>	Raw wool supply (clean)				Total new supply <sup>9</sup>
		Domestic production <sup>7</sup>	Exports <sup>8</sup>	Imports for consumption		
				Dutiable	Duty free	
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1970.....	176,787	88,158	200	79,810	73,325	241,093
1971.....	172,156	85,142	6,318	42,682	83,893	205,399
1972.....	168,206	90,762	11,224	24,790	71,849	176,177
1973.....	151,738	81,726	3,726	19,601	40,524	138,125
1974.....	137,082	73,525	4,271	11,799	15,148	96,201
1975.....	125,535	67,488	7,674	16,605	17,021	93,440
1976.....	115,950	62,197	1,130	38,387	19,076	118,530
1977.....	109,778	58,455	385	36,303	22,655	117,028
1978.....	103,942	55,082	425	27,000	23,404	105,061
1979.....	105,767	56,022	313	20,283	22,047	98,039
1980.....	106,469	56,426	304	30,491	25,992	112,605
1981.....	110,937	58,806	307	48,106	26,145	132,750
1982.....	106,129	56,036	1,351	39,988	21,433	116,106
1983.....	102,886	54,324	1,014	49,371	28,688	131,369
1984 *.....	92,944	49,074	488	62,271	30,905	142,762

<sup>1</sup> Includes sheep shorn at commercial feeding yards.

<sup>2</sup> Price computed by weighting State average prices for all wool sold during the year by sales of shorn wool.

<sup>3</sup> Production by States multiplied by annual average price.

<sup>4</sup> Preliminary.

<sup>5</sup> Estimates discontinued in 1982.

<sup>6</sup> Beginning 1982, shorn wool only.

<sup>7</sup> Conversion factors from grease basis to clean basis are as follows: Shorn wool production—47.7 percent (Stat. Bull. 362) from 1970-1971, and 52.8 percent (Stat. Bull. 616) from 1972-1984; pulled wool production—72.9 percent.

<sup>8</sup> Includes carpet wool exports.

<sup>9</sup> Production minus exports plus imports; stocks not taken into consideration.

Economic Research Service and Statistical Reporting Service. Imports and exports from reports of the U.S. Department of Commerce.



Table 433.—Wool: Price-support operations, United States, 1970-84

Marketing year	Shorn wool price per pound		Payment rate		Marketings covered by payments <sup>3</sup>		Amount of payments <sup>4</sup>		
	Support	Season average received by producers	Average for shorn wool per pound <sup>1</sup>	Unshorn lambs per cwt. <sup>2</sup>	Shorn wool	Unshorn lambs	Shorn wool	Unshorn lambs	Total
	Cents	Cents	Cents	Cents	Million pounds	Million pounds	Million dollars	Million dollars	Million dollars
1970 .....	72	35.5	36.5	146	149	1,005	52.0	12.0	64.0
1971 .....	72	19.4	52.6	210	169	978	85.0	17.3	102.3
1972 .....	72	35.0	37.0	148	158	957	55.8	11.8	67.6
1973 .....	72	82.7							
1974 .....	72	59.1	12.9	52	95	613	11.6	2.9	14.5
1975 .....	72	44.7	27.3	109	135	571	35.1	5.7	40.8
1976 .....	72	65.7	6.3	25	96	471	5.8	1.2	7.0
1977 .....	99	72.0	27.0	108	96	424	24.3	4.6	28.9
1978 .....	108	74.5	33.5	134	92	386	29.6	5.2	34.8
1979 .....	115	86.3	28.7	115	95	392	26.3	4.5	30.8
1980 .....	123	88.1	34.9	140	96	388	32.0	5.5	37.5
1981 .....	135	94.5	40.5	162	104	444	40.3	6.7	47.0
1982 .....	137	68.4	68.6	274	88	515	59.2	12.5	71.7
1983 .....	153	61.3	91.7	367	114	550	99.2	17.5	116.7
1984 .....	165	79.5	85.5	342	90	491	73.3	15.1	88.4

<sup>1</sup> Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketing of shorn wool.

<sup>2</sup> For unshorn lambs sold.

<sup>3</sup> Unadjusted for weight of unshorn lambs produced.

<sup>4</sup> Payments for wool marketed during the year shown are made after Mar. 31 of the following year.

Agricultural Stabilization and Conservation Service.

Table 434.—Wool: Average price per pound, clean basis, delivered to United States mills, 1970-84

Year	Territory <sup>1</sup>		Fleece % blood good French combing and staple <sup>2</sup>	Australian 64's good topmaking (in bond, American yield)
	Fine good French combing and staple	% blood good French combing and staple		
	Cents	Cents	Cents	Cents
1970 <sup>3</sup> .....	103	89	87	120
1971 .....	66	65	66	106
1972 .....	116	94	93	158
1973 .....	250	167	159	330
1974 .....	176	126	119	243
1975 .....	150	96	86	206
1976 <sup>4</sup> .....	182	143	136	218
1977 .....	183	161	158	222
1978 .....	189	169	164	234
1979 .....	218	182	175	277
1980 .....	245	195	186	309
1981 .....	273	185	177	316
1982 .....	247	152		300
1983 .....	212	133		274
1984 .....	229	172		278

<sup>1</sup> Wool grown in the range areas of Oregon, Washington, the intermountain States (including Arizona and New Mexico) and parts of the Dakotas, Kansas, Nebraska, and Oklahoma. These wools vary considerably in shrinkage and color.

<sup>2</sup> Most wool grown in the farm areas of the Dakotas, Nebraska, Kansas, Oklahoma, and parts of Minnesota, Wisconsin, Iowa, and Missouri is somewhat dark in color and of moderately heavy shrinkage. Most of that grown in the States which are east of the Mississippi River and in parts of Minnesota, Iowa, and Missouri is bright in color and of relatively light shrinkage.

<sup>3</sup> Beginning January 1970 reported as Australia Type 62-64's.

<sup>4</sup> Before January 1976 the unit designation terminology for wool prices changed to microns. For example 64's (20.60-22.04 microns) formerly was fine good French combing and staple. Two designations 56's (26.40-27.84 microns) and 58's (24.95-26.39 microns) have been averaged in the price data shown here and together were formerly the category fleece % blood good French combing and staple.

Economic Research Service.

**Table 435.—Wool: Mill consumption, by grades, on the woolen and worsted systems, scoured basis, United States, 1975-84 <sup>1</sup>**

Item	1975 <sup>2</sup>	1976	1977	1978	1979	1980	1981	1982	1983	1984 <sup>3</sup>
Apparel wool: <sup>4</sup>										
Woolen system: <sup>5</sup>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
60's and finer.....	15.7	20.6	22.3	24.4	29.0	28.2	35.2	23.8	30.5	32.9
50's up to 60's <sup>6</sup> .....	25.3	29.2	26.3	28.6	28.3	28.8	29.3	24.6	30.2	32.3
48's and coarser.....										
Total.....	41.0	49.8	48.6	53.0	57.4	57.0	64.5	48.4	60.7	65.2
Worsted system:										
60's and finer.....	34.1	34.9	27.6	32.7	30.1	35.5	41.2	36.2	42.5	41.6
Coarser than 60's.....	19.0	21.9	19.3	16.5	19.1	20.9	22.0	21.3	23.5	22.2
Total.....	53.1	56.8	46.9	49.2	49.2	56.4	63.3	57.5	66.0	63.8
Total apparel:										
60's and finer.....	49.8	55.5	49.9	57.2	59.2	63.8	76.4	60.0	71.9	74.5
Coarser than 60's.....	44.3	51.1	45.6	45.1	47.4	49.6	51.4	45.9	54.8	54.5
Total.....	94.1	106.6	95.5	102.2	106.5	113.4	127.8	105.9	126.7	129.0
Carpet wool <sup>7</sup> .....	15.9	15.1	12.5	13.0	10.5	10.0	10.9	9.8	13.9	13.1

<sup>1</sup> Scoured wool, plus greasy wool converted to a scoured basis, using assumed average yields. Includes both pulled and shorn, foreign and domestic wool. Wool was considered as consumed (1) on the woolen system when laid in mixes and (2) on the worsted system as the sum of top and noil production.

<sup>2</sup> 53 weeks.

<sup>3</sup> Preliminary.

<sup>4</sup> Domestic and duty-paid foreign.

<sup>5</sup> Excludes wool consumed on the cotton system and in the manufacture of felt, hat bodies, and other miscellaneous products.

<sup>6</sup> Beginning 1975, 50's up to 60's and 48's and coarser combined.

<sup>7</sup> Duty-free foreign.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 436.—Wool: United States imports (for consumption), clean content, by grades, 1975-84 <sup>1</sup>**

Grade	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984 <sup>2</sup>
Dutiable: <sup>3</sup>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
56's and finer <sup>4</sup> .....	13.7	32.7	27.1	19.8	14.1	27.2	39.7	32.2	41.6	50.3
46's to 56's <sup>5</sup> .....	.6	1.6	3.2	7.2	6.2	3.3	8.4	7.8	7.8	13.0
40's to 46's <sup>6</sup> .....	.6	.8	1.5							
Not finer than 40's.....	1.6	3.1	4.2							
Named and similar wools.....	.1	.2	.3							
Total.....	16.6	38.4	36.3	27.0	20.3	30.5	48.1	40.0	49.4	63.3
Duty-free: <sup>3</sup>										
Named and similar wools.....	.9	1.1	1.2	1.6	2.0	1.8	3.3	1.8	.5	.4
Other.....										
Not finer than 40's.....	13.1	14.7	16.9	12.8	10.2	10.1	7.9	7.4	8.8	7.8
40's to 44's.....	2.3	2.3	3.8	4.7	5.6	7.9	5.9	5.1	5.8	6.0
44's to 46's <sup>7</sup> .....	.7	1.0	.8	4.3	4.2	6.3	9.0	8.1	13.6	16.7
Total.....	17.0	19.1	22.7	23.4	22.0	26.0	26.1	21.4	28.7	30.9

<sup>1</sup> Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition. <sup>2</sup> Preliminary. <sup>3</sup> Beginning November 1977 duty-free wools include and are limited to all 46's and coarser grades of wool by Public Law 95-162. Beginning January 1978 Bureau of Census data combined duty-free 46's and dutiable 48's wools. In recent years prior to the combination, imports of 48's were negligible compared with 46's. <sup>4</sup> Finer than 58's beginning in 1978. <sup>5</sup> 50's through 58's beginning in 1978. <sup>6</sup> Beginning in November 1977 duties were suspended through June 30, 1980. <sup>7</sup> Beginning in 1978 through June 30, 1980 the totals include all wools grading 48's and coarser except for named wools.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 437.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and value of production, by States, 1982-84

State	Sheep and lambs shorn <sup>1</sup>			Weight per fleece <sup>2</sup>			Shorn wool production			Price per pound			Value of production <sup>3</sup>		
	1982	1983	1984 *	1982	1983	1984 *	1982	1983	1984 *	1982	1983	1984 *	1982	1983	1984 *
	Thou- sands	Thou- sands	Thou- sands	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Alaska.....	2.3	2.2	1.7	12.2	10.5	10.6	28	23	18	65	50	100	18	12	18
Ariz. <sup>5</sup> .....	320	300	257	7.4	7.1	7.3	2,368	2,121	1,840	56	43	51	1,325	912	938
Calif. <sup>5</sup> .....	1,390	1,313	1,277	7.4	7.5	7.3	10,303	9,846	9,382	71	62	81	7,315	6,105	7,599
Colo. <sup>5</sup> .....	1,070	1,060	930	7.5	7.3	7.2	8,054	7,764	6,690	67	57	78	5,396	4,425	5,218
Conn. <sup>5</sup> .....	9	8	9	6.8	7.3	7.6	61	58	68	44	49	41	27	28	28
Idaho <sup>5</sup> .....	456	413	340	10.1	9.9	9.3	4,592	4,069	3,157	65	54	87	2,985	2,197	2,747
Ill. <sup>5</sup> .....	208	181	166	6.7	6.7	6.6	1,385	1,214	1,093	34	40	58	471	486	634
Ind. <sup>5</sup> .....	124	114	109	6.9	6.9	6.8	852	789	737	39	33	50	332	260	369
Iowa <sup>5</sup> .....	530	560	470	7.2	7.0	6.9	3,822	3,908	3,262	44	44	54	1,682	1,485	1,761
Kans. <sup>5</sup> .....	233	256	255	7.0	7.2	6.9	1,637	1,848	1,770	51	47	67	835	869	1,186
Ky. <sup>5</sup> .....	24	26	26	6.9	6.7	6.7	166	174	171	38	40	54	63	70	94
La. <sup>5</sup> .....	9	10.2	9.3	6.1	6.6	5.9	55	67	55	40	41	54	22	27	30
Maine.....	17	19	18	6.7	7.0	7.0	114	133	126	66	62	66	76	82	83
Md. <sup>5</sup> .....	17	16	15	7.2	7.4	7.0	122	118	105	44	49	75	54	58	79
Mass.....	10	11	10	6.8	6.9	7.3	68	76	73	66	63	67	45	48	49
Mich. <sup>5</sup> .....	111	117	106	7.8	7.7	7.8	865	902	823	44	40	54	381	361	444
Minn. <sup>5</sup> .....	310	305	280	7.3	6.9	6.9	2,264	2,110	1,925	48	39	54	1,087	823	1,040
Mo. <sup>5</sup> .....	140	140	132	7.1	6.7	7.2	989	936	944	42	41	58	415	384	548
Mont. <sup>5</sup> .....	575	574	544	10.3	10.0	9.6	5,903	5,745	5,209	79	67	91	4,663	3,849	4,740
Nebr. <sup>5</sup> .....	235	200	205	7.0	7.3	7.1	1,635	1,453	1,455	48	44	61	785	639	888
Nev. <sup>5</sup> .....	104	95	84	9.8	10.2	10.0	1,019	969	840	67	64	89	683	620	748
N.H. <sup>5</sup> .....	10	12	12	7.1	7.4	7.2	71	89	86	75	67	78	53	60	67
N.J. <sup>5</sup> .....	8.7	8.7	9	6.9	6.9	6.6	60	60	59	40	41	68	24	25	40
N. Mex. <sup>5</sup> .....	515	530	539	9.6	9.1	9.2	4,222	4,833	4,975	88	76	87	4,331	3,673	4,328
N.Y. <sup>5</sup> .....	60	59	55	7.3	7.3	7.2	438	431	396	53	49	72	232	211	285
N.C. <sup>5</sup> .....	8.5	7.6	8	6.6	6.6	6.9	56	50	55	23	24	23	24	23	39
N. Dak. <sup>5</sup> .....	180	200	180	9.5	9.5	9.2	1,701	1,905	1,650	61	51	70	1,038	972	1,155
Ohio <sup>5</sup> .....	299	273	260	7.2	7.1	7.2	2,142	1,937	1,868	41	38	55	878	736	1,027
Okla. <sup>5</sup> .....	110	120	95	7.0	7.1	6.9	770	855	653	46	46	61	354	393	398
Oreg. <sup>5</sup> .....	540	538	500	6.7	6.7	6.1	3,632	3,595	3,058	50	51	73	1,816	1,833	2,232
Pa. <sup>5</sup> .....	90	95	97	6.8	6.8	6.8	612	646	660	37	226	291	226	291	462
S. Dak. <sup>5</sup> .....	746	722	740	9.3	8.9	8.6	6,906	6,414	6,360	73	60	74	5,041	3,842	4,706
Tenn. <sup>5</sup> .....	7.8	7.2	6	5.9	6.5	6.7	46	47	41	43	43	73	20	22	30
Tex. <sup>5</sup> .....	2,650	2,500	2,500	7.3	7.3	7.0	19,300	18,600	17,500	84	83	92	16,212	15,438	16,100
Utah <sup>5</sup> .....	608	556	534	10.0	10.3	10.0	6,090	5,739	5,359	68	57	84	4,141	3,271	4,502
Vt. <sup>5</sup> .....	14	13	14	6.9	6.9	6.7	97	90	94	68	60	71	66	54	67
Va. <sup>5</sup> .....	141	132	120	6.3	6.3	6.3	888	832	756	46	48	76	408	399	575
Wash. <sup>5</sup> .....	70	65	60	9.0	9.0	8.5	630	585	510	62	49	74	391	287	377
W. Va. <sup>5</sup> .....	105	98	80	5.6	5.9	5.7	588	578	456	40	46	79	235	266	360
Wis. <sup>5</sup> .....	101	107	97	7.5	7.5	7.4	760	718	745	44	39	54	334	313	387
Wyo. <sup>5</sup> .....	1,041	1,051	865	9.7	10.0	9.2	10,118	10,484	7,945	82	68	94	8,297	7,129	7,468
U.S. ....	13,199.3	12,864.9	12,015.0	8.04	8.00	7.74	106,129	102,866	92,944	* 68.6	* 61.2	79.5	72,782	62,978	73,859

See footnotes on page 284.

**Table 438.—Wool: United States imports (for consumption), clean content, by country of origin, 1975-84 <sup>2</sup>**

Country of origin	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984 <sup>2</sup>
Dutiable:	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
Argentina .....	1.5	4.3	4.4	3.2	1.7	3.9	8.7	4.2	1.4	2.1
Australia .....	11.9	28.4	21.7	21.2	16.0	22.8	28.9	24.7	35.0	41.8
New Zealand .....	2.1	4.2	6.3	1.6	.8	1.1	1.6	1.5	2.3	5.6
South Africa .....	.7	.5	.5	.3	.4	.2	1.9	4.7	8.3	8.8
Uruguay .....	.1	.1	.2	.3	.5	1.2	4.0	3.1	1.7	3.5
Other .....	.3	.9	3.2	.4	.9	1.3	3.0	1.8	.7	1.5
Total .....	16.6	38.4	36.3	27.0	20.3	30.5	48.1	40.0	49.4	63.3
Duty-free:										
Argentina .....	1.7	1.7	2.7	3.2	3.3	2.3	2.3	1.5	2.0	1.8
Iraq .....	.1	.6	.3	.4	.3	.4		.3		
New Zealand .....	11.6	11.2	15.9	16.2	15.0	20.2	18.0	15.1	21.7	23.8
Pakistan .....										
Syria .....	.3	.6	.3	.7	.2	.2	.3	.2		
United Kingdom .....	2.5	2.3	2.0	2.1	2.3	1.7	3.5	3.2	3.4	3.5
Other .....	.8	2.7	1.5	.8	.9	1.2	2.0	1.1	1.6	1.8
Total .....	17.0	19.1	22.7	23.4	22.0	26.0	26.1	21.4	28.7	30.9
Grand total .....	33.6	57.1	59.0	50.4	42.3	56.5	74.3	61.4	78.1	94.2

<sup>1</sup> Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition.

<sup>2</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.



**Table 439.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and value of production, United States, 1970-84 <sup>1</sup>**

Year	Goats clipped <sup>2</sup>	Average clip per goat	Mohair production	Price per pound	Value of production <sup>3</sup>
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1970.....	2,891	6.5	18,677	39.1	7,299
1971.....	2,189	6.8	14,885	30.1	4,480
1972.....	1,521	6.7	10,190	83.0	8,458
1973.....	1,450	6.8	9,930	187.0	18,569
1974.....	1,175	7.1	8,400	137.0	11,508
1975.....	1,215	7.1	8,600	185.0	15,910
1976.....	1,100	7.4	8,100	297.0	24,057
1977.....	1,215	6.5	8,000	287.0	22,960
1978.....	1,188	6.8	8,100	459.0	37,179
1979.....	1,275	7.3	9,300	510.0	47,430
1980.....	1,240	7.1	8,800	350.0	30,800
1981.....	1,300	7.8	10,100	350.0	35,350
1982.....	1,330	7.5	10,000	255.0	25,500
1983.....	1,360	7.8	10,600	405.0	42,930
1984.....	1,450	7.7	11,200	430.0	48,160

<sup>1</sup> Includes Arizona, California, Missouri, New Mexico, Texas, Oregon, and Utah, 1970; beginning 1971, Texas only.

<sup>2</sup> In States where goats are clipped twice a year, the number clipped is the sum of goats and kids clipped in the spring and kids clipped in the fall.

<sup>3</sup> Production multiplied by price per pound.

Statistical Reporting Service.

**Table 440.—Mohair: Price-support operations, United States, 1970-84**

Marketing year	Price per pound		Average payment rate per pound <sup>1</sup>	Marketings covered by payments	Amount of payments <sup>2</sup>
	Support	Season average received by producers			
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Million pounds</i>	<i>Million dollars</i>
1970.....	80.2	39.1	41.1	19.1	7.8
1971.....	80.2	30.1	50.1	20.0	10.0
1972.....	80.2	81.4			
1973.....	80.2	187.0			
1974.....	80.2	137.0			
1975.....	80.2	185.0			
1976.....	80.2	297.0			
1977.....	149.8	287.0			
1978.....	164.7	459.0			
1979.....	194.3	510.0			
1980.....	290.3	350.0			
1981.....	371.8	350.0	21.8	8.3	1.9
1982.....	397.7	255.0	142.7	11.4	16.5
1983.....	462.7	405	57.7	11.5	6.3
1984.....	516.9	430	86.9	11.6	9.9

<sup>1</sup> Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketing of mohair.

<sup>2</sup> Payments for mohair marketed during the year shown are made after Mar. 31 of the following year. Agricultural Stabilization and Conservation Service.

Table 441.—Red meat and lard: Production, by class of slaughter, United States, 1970-84

Year	Commercial			Farm	Total	Commercial			Farm	Total
	Federal-ly inspected	Other	Total <sup>1</sup>			Federal-ly inspected	Other	Total <sup>1</sup>		
	Beef					Pork, excluding lard				
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1970.....	19,152	2,320	21,472	180	21,652	12,114	1,134	13,248	181	13,429
1971.....	19,373	2,324	21,697	171	21,868	13,452	1,155	14,606	177	14,783
1972.....	20,241	1,978	22,218	169	22,387	12,551	908	13,460	171	13,631
1973.....	19,294	1,794	21,088	189	21,277	11,879	699	12,578	173	12,751
1974.....	20,937	1,907	22,844	294	23,138	12,856	727	13,583	222	13,805
1975.....	21,626	2,045	23,671	303	23,974	10,733	581	11,314	189	11,503
1976.....	23,726	1,941	25,667	302	25,969	11,699	519	12,219	196	12,415
1977.....	23,364	1,622	24,986	293	25,279	12,518	533	13,051	196	13,247
1978.....	22,623	1,387	24,010	232	24,242	12,689	520	13,209	184	13,393
1979.....	20,059	1,202	21,261	185	21,446	14,668	602	15,270	180	15,450
1980.....	20,273	1,197	21,470	174	21,644	15,742	689	16,431	184	16,615
1981.....	21,043	1,171	22,214	175	22,389	15,114	605	15,719	156	15,875
1982.....	21,334	1,032	22,366	170	22,536	13,657	464	14,121	108	14,229
1983.....	22,057	1,001	23,058	183	23,241	14,659	461	15,120	82	15,202
1984.....	22,509	907	23,416	180	23,596	14,282	438	14,720	92	14,812
	Veal					Lamb and mutton				
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1970.....	337	220	558	30	588	514	26	540	11	551
1971.....	324	192	516	30	546	522	22	544	11	555
1972.....	283	146	429	30	459	515	19	533	10	543
1973.....	210	115	325	32	357	486	17	504	10	514
1974.....	285	157	442	44	486	440	14	454	11	465
1975.....	494	333	827	46	873	385	14	399	11	410
1976.....	563	250	813	40	853	349	12	361	10	371
1977.....	569	225	794	40	834	330	11	341	10	351
1978.....	447	153	600	32	632	290	10	300	9	309
1979.....	315	95	410	24	434	275	9	284	9	293
1980.....	296	83	379	21	400	299	11	310	8	318
1981.....	324	91	415	21	436	317	11	328	10	338
1982.....	341	82	423	25	448	347	9	356	9	365
1983.....	356	73	429	25	454	358	10	368	8	376
1984.....	408	71	479	16	495	362	10	372	8	380
	All meat, excluding lard					Lard				
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1970.....	32,117	3,700	35,818	402	36,220	1,776	112	1,888	25	1,913
1971.....	33,671	3,693	37,363	389	37,752	1,830	106	1,936	24	1,960
1972.....	33,590	3,051	36,640	380	37,020	1,465	77	1,541	20	1,561
1973.....	31,869	2,625	34,495	404	34,899	1,181	54	1,235	18	1,253
1974.....	34,518	2,805	37,323	571	37,894	1,289	55	1,344	22	1,366
1975.....	33,238	2,973	36,211	549	36,760	956	39	995	17	1,012
1976.....	36,337	2,722	39,060	548	39,608	1,010	34	1,044	17	1,061
1977.....	36,781	2,391	39,172	539	39,711	994	27	1,021	16	1,037
1978.....	36,049	2,070	38,119	457	38,576	968	23	991	15	1,006
1979.....	35,317	1,908	37,225	398	37,623	1,112	29	1,141	14	1,155
1980.....	36,611	1,979	38,590	387	38,977	1,173	30	1,203	14	1,217
1981.....	36,798	1,877	38,675	362	39,037	1,131	24	1,155	12	1,167
1982.....	35,680	1,586	37,266	312	37,578	892	18	910	9	919
1983.....	37,431	1,543	38,974	298	39,272	952	20	972	6	978
1984.....	37,561	1,426	38,987	296	39,283	911	18	929	7	936

<sup>1</sup> Totals are based on unrounded data.  
Statistical Reporting Service.

**Table 442.—Meat and meat food products: Quantity prepared and processed under Federal inspection, United States, fiscal year, 1984 <sup>1</sup>**

Product	Fiscal year 1984	Product	Fiscal year 1984
	<i>1,000 pounds</i>		<i>1,000 pounds</i>
Cured:		Sliced/packaged product:	
Beef.....	291,786	Sausage, loaves, luncheon meat.....	1,045,320
Pork.....	4,163,602	Ham.....	376,948
Other meats.....	35,593	Bacon.....	1,629,385
Smoked, dried or cooked:		Other.....	385,621
Bacon.....	1,753,964	Convenience foods (frozen and/or unfrozen):	
Hams.....	1,791,706	Pizza.....	556,732
Pork.....	479,122	Pies.....	240,997
Beef.....	354,148	Dinners.....	290,484
Other smoked.....	343,480	Entrees.....	468,820
Fresh/frozen products:		Other.....	276,468
Beef cuts.....	10,293,404	Miscellaneous meat products:	
Pork cuts.....	11,388,738	Cured meat loaves.....	95,472
Other cuts.....	900,194	Non-specific loaves.....	145,047
Beef, boned.....	9,272,568	Meat patties.....	526,171
Pork, boned.....	3,805,434	Other formulated products.....	263,999
Other, boned.....	283,525	Horse and equine products.....	24,516
Steaks, chops, roasts (chopped/formed).....	2,474,769	Animal food.....	39,785
Hamburger/ground beef.....	3,723,343	Total.....	63,409,864
Mechanically processed beef product.....	823		
Mechanically processed pork product.....	25	Fats and oils:	
Mechanically processed other product.....	4	Lard, rendered.....	898,892
Other fresh/frozen.....	1,038,967	Lard, refined.....	555,589
Sausage:		Tallow, edible.....	1,604,355
Fresh.....	1,152,005	Compound containing animal fat.....	1,027,111
Uncooked cured.....	22,565	Oleomargarine containing animal fat.....	82,738
Dried/semi-dried.....	347,389	Total.....	4,168,685
Frankfurters/wieners.....	1,437,641		
Bologna.....	708,787	Total all products (includes canned).....	70,326,722
Liver sausage and braunschweiger.....	96,044		
Other.....	884,463		

<sup>1</sup> Total represents pounds of product inspected and is greater than total amount of meat used for processed products. Some products move from fresh to cured, to smoked, etc., and will be counted in each of these categories.

Food Safety and Inspection Service.

**Table 443.—Canned meat products: Quantity produced under Federal inspection, United States, fiscal year, 1984 <sup>1</sup>**

Product	Fiscal year 1984	Product	Fiscal year 1984
	<i>1,000 pounds</i>		<i>1,000 pounds</i>
Luncheon meat.....	190,222	Byproducts, other than pickled.....	2,901
Canned hams.....	170,943	Miscellaneous sausage product.....	22,045
Hash products.....	103,935	Corned beef.....	377
Chili con carne.....	344,281	Soups.....	615,006
Viennas.....	92,936	Pork shoulder picnics and loins.....	23,406
Frankfurter and wieners.....	802	All other meat and/or meat byproducts	
Deviled ham.....	8,590	20% or more meat.....	181,914
Potted meat food products and spreads.....	32,443	All other meat and/or meat byproducts	
Tamales.....	18,475	under 20% meat.....	301,706
Sliced dried beef.....	7,577	Horse and equine products.....	10,004
Chopped beef, hamburgers.....	12,306	Animal food.....	728
Meat stew.....	157,658	Total.....	2,748,173
Pasta meat product.....	455,157		
Vinegar-pickled products.....	14,761		

<sup>1</sup> Total represents pounds of product inspected and is greater than total amount of meat used for processed products. Some products move from fresh to cured, to smoked, etc., and will be counted in each of these categories.

Food Safety and Inspection Service.

Table 444.—Meat: Production by types in specified countries, 1983 and 1984 <sup>1</sup>

Continent and country	Beef and veal		Pork <sup>3</sup>		Mutton, lamb, and goat meat		Total production	
	1983	1984 <sup>2</sup>	1983	1984 <sup>2</sup>	1983	1984 <sup>2</sup>	1983	1984 <sup>2</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:								
Canada .....	1,036	1,000	852	860			1,888	1,860
Mexico .....	1,229	1,318	1,136	939			2,365	2,257
United States .....	10,748	10,929	6,894	6,728	170	173	17,812	17,830
Total .....	13,013	13,247	8,882	8,527	170	173	22,065	21,947
South America:								
Argentina .....	2,384	2,570			110	103	2,494	2,673
Brazil .....	2,400	2,200	950	860			3,350	3,060
Colombia .....	619	629	110	112			729	741
Uruguay .....	412	314			61	41	473	355
Venezuela .....	340	330	94	118			434	448
Total .....	6,155	6,043	1,154	1,090	171	144	7,480	7,277
Central America and Caribbean:								
Costa Rica .....	67	62					67	62
Dominican Republic .....	49	46					49	46
El Salvador .....	30	30					30	30
Guatemala .....	63	64					63	64
Honduras .....	66	65					66	65
Nicaragua .....	45	45					45	45
Panama .....	50	50					50	50
Total .....	370	362					370	362
Europe:								
Belgium and Luxemb- bourg .....	291	317	740	756	7	8	1,038	1,081
Denmark .....	241	248	1,048	1,040	1	1	1,290	1,289
France .....	1,764	1,972	1,605	1,625	179	175	3,548	3,772
Germany, Fed. Rep. of .....	1,487	1,609	2,731	2,744	28	27	4,246	4,380
Greece .....	86	85	154	149	121	122	361	356
Ireland .....	352	395	163	145	40	42	555	582
Italy .....	1,149	1,155	1,046	1,100	67	69	2,262	2,324
Netherlands .....	433	485	1,201	1,258	11	10	1,645	1,753
United Kingdom .....	1,046	1,135	1,037	950	286	291	2,369	2,376
Total EC .....	6,849	7,401	9,725	9,767	740	745	17,314	17,913
Austria .....	197	213	377	381			574	594
Finland .....	117	123	176	169			293	292
Portugal .....	104	95	176	178	23	22	303	295
Spain .....	422	388	1,120	1,175	141	142	1,683	1,705
Sweden .....	160	144	316	321			476	465
Switzerland .....	153	171	291	279			444	450
Total other Western Europe .....	1,153	1,134	2,456	2,503	164	164	3,773	3,801
Bulgaria .....	171	165	390	400	100	100	661	665
Czechoslovakia .....	435	462	831	893	7	7	1,273	1,362
German Dem. Rep. ....	412	418	1,257	1,396	17	18	1,686	1,832
Hungary .....	143	121	10,931	1,159	7	5	1,243	1,285
Poland .....	738	769	1,414	1,276	17	19	2,169	2,064
Romania .....	230	230	875	860	60	65	1,165	1,155
Yugoslavia .....	345	350	772	860	60	60	1,177	1,270
Total Eastern Europe <sup>4</sup> ..	2,474	2,515	6,633	6,844	268	274	9,374	9,633
Total Europe .....	10,476	11,050	18,813	19,114	1,172	1,183	30,461	31,347
Soviet Union <sup>5</sup> .....	7,011	7,100	5,760	5,900	837	825	13,608	13,825
Africa:								
Egypt .....	290	320			81	84	371	404
South Africa .....	588	620			186	187	774	807
Total .....	878	940			267	271	1,145	1,211

See footnotes at end of table.



**Table 444.—Meat: Production by types in specified countries, 1983 and 1984 <sup>1</sup>—  
Continued**

Continent and country	Beef and veal		Pork <sup>3</sup>		Mutton, lamb, and goat meat		Total production	
	1983	1984 <sup>2</sup>	1983	1984 <sup>2</sup>	1983	1984 <sup>2</sup>	1983	1984 <sup>2</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Asia and Middle East:								
China.....			13,161	14,000			13,161	14,000
Hong Kong.....			35	36			35	36
India.....	299	300			484	489	783	789
Israel.....	17	16					17	16
Japan.....	495	535	1,429	1,430			1,924	1,965
Korea, Rep. of.....	90	122	295	339			385	461
Philippines.....	191	167	500	460			691	627
Saudi Arabia.....	17	18					17	18
Taiwan.....	7	6	591	700			598	706
Turkey.....	220	225			370	380	590	605
Total.....	1,336	1,389	16,011	16,965	854	869	18,201	19,223
Oceania:								
Australia.....	1,389	1,241	246	255	453	436	2,088	1,932
New Zealand.....	536	461			651	636	1,187	1,097
Total.....	1,925	1,702	246	255	1,104	1,072	3,275	3,029
Total selected countries.....	41,164	41,833	50,866	51,851	4,575	4,537	96,605	98,221

<sup>1</sup> Carcass weight basis; excludes offals, rabbit, and poultry meat.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes edible pork fat, but excludes lard and inedible greases (except United States).

<sup>4</sup> Official CEMA data (includes fats and offals) with adjustments for live animal trade.

<sup>5</sup> Slaughter weight basis (includes fats and offals) used in official Soviet Union statistics.

<sup>6</sup> Includes other countries not listed separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 445.—Meats, frozen and cured: Cold-storage holdings, United States, first of month, 1983 and 1984**

Month	Frozen and cured beef		Frozen and cured pork		Frozen lamb and mutton	
	1983 <sup>1</sup>	1984	1983 <sup>1</sup>	1984	1983 <sup>1</sup>	1984
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January.....	303,214	338,014	224,153	295,114	7,682	8,365
February.....	307,045	332,460	215,823	311,705	7,673	7,542
March.....	299,075	325,704	234,744	350,727	8,218	8,057
April.....	277,334	324,578	272,717	390,403	8,331	9,123
May.....	265,162	312,801	293,001	437,718	8,839	8,839
June.....	253,960	303,150	280,449	405,213	8,691	8,404
July.....	252,278	301,663	252,985	345,008	7,717	8,026
August.....	267,379	290,045	214,069	269,483	8,815	7,267
September.....	268,210	319,581	209,953	256,625	8,622	8,889
October.....	277,972	328,218	239,993	275,589	9,092	8,403
November.....	316,023	346,061	295,193	269,444	10,270	7,890
December.....	825,033	357,743	300,570	274,274	10,701	7,066

<sup>1</sup> Beginning Jan. 1, 1977, cured (cooler) beef and cured (cooler) pork are excluded from totals.

Statistical Reporting Service.

Table 446.—Meat: United States exports by type of product, 1970-84

Year	Beef and veal				Pork					Sau- sage, bolog- na, and frank- furters	Varie- ty meats, fresh or frozen <sup>1</sup>	Other meats <sup>2</sup>	Total <sup>3</sup>
	Fresh or frozen	Canned	Pick- led or cured	Goat, lamb and mutton, fresh or frozen	Fresh or frozen	Hams and should- ers, cured or cooked	Bacon	Other pork, pick- led, salted, or other- wise cured	Other pork, canned				
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1970 .....	8,550		4,728	486	18,887	2,884	1,389	3,514	1,080	1,876	108,652	5,435	157,482
1971 .....	13,900		5,170	591	20,543	1,450	1,033	5,400	1,199	1,820	125,861	5,605	182,571
1972 .....	19,625		4,033	588	36,798	1,526	1,531	3,933	1,243	1,809	115,238	5,474	191,798
1973 .....	32,380		3,509	787	65,071	2,768	1,015	2,857	1,178	2,562	127,860	7,176	247,164
1974 .....	21,292		1,658	1,153	35,289	3,014	797	2,920	902	2,351	134,220	9,017	212,612
1975 .....	20,364		329	1,305	82,028	4,155	575	3,709	686	2,237	133,188	5,660	254,237
1976 .....	36,093		462	1,403	128,895	3,041	1,028	3,422	1,114	2,523	172,246	7,663	357,890
1977 .....	40,982		517	1,755	116,282	2,941	1,216	2,919	1,810	3,426	173,060	8,198	353,106
1978 .....	51,710	2,296	1,263	1,375	84,120	3,934	1,655	7,524	2,932	3,653	185,831	6,801	353,095
1979 .....	53,823	1,625	1,955	562	83,058	3,380	912	8,912	1,123	3,003	163,930	4,664	331,946
1980 .....	55,003	1,995	2,505	595	69,966	3,327	820	8,438	1,667	3,296	200,417	7,427	355,454
1981 .....	68,608	2,826	3,235	972	86,652	2,363	1,079	9,130	1,662	3,819	209,981	7,949	397,870
1982 .....	78,781	3,028	3,858	676	58,541	1,358	774	7,514	1,289	3,404	230,344	5,291	394,857
1983 .....	86,962	1,584	4,500	632	62,141	1,794	601	5,581	695	3,139	218,311	3,795	389,735
1984 <sup>4</sup> .....	105,995	1,936	3,598	878	46,098	1,474	621	3,837	513	2,603	217,019	3,605	388,177

<sup>1</sup> Edible animal organs.<sup>2</sup> Includes sausage ingredients, cured (excluding canned); meat and meat products canned (n.e.s.); and baby food, canned.<sup>3</sup> May not add due to rounding.<sup>4</sup> Included in "Other meats," 1970-77.<sup>5</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 447.—Meat: United States imports of meat subject to Public Law 96-177 (Meat Import Act), by country of origin, 1979-84 <sup>1</sup>

Country of origin	1979	1980	1981	1982	1983	1984
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Canada .....	77,785	92,673	120,603	124,680	129,998	166,207
Mexico .....	5,297	242	1,586	451	1,318	
Belize .....	232	297	112			
Guatemala .....	32,224	18,964	10,632	5,237	19,066	18,351
El Salvador .....	9,965	4,404	370	2,568	3,267	2,777
Honduras .....	50,074	67,911	48,792	31,737	34,102	22,317
Nicaragua .....	67,932	48,046	17,968	23,248	28,094	7,793
Costa Rica .....	66,962	47,828	64,089	45,525	33,427	38,270
Panama .....	901	2,790	4,511	4,419	1,900	1,277
Haiti .....	1,660	1,706	2,733	882	662	37
Dominican Republic .....	3,101	2,358	10,097	10,244	8,017	1,692
Sweden .....						2,020
Australia .....	880,038	806,296	586,979	714,837	601,135	542,774
New Zealand .....	357,666	328,029	355,854	348,761	367,877	328,248
European Community .....	41	9,721	11,393	7,004	11,223	9,708
Total <sup>2</sup> .....	1,553,878	1,431,228	1,224,326	1,319,594	1,240,086	1,141,471

<sup>1</sup> Fresh, chilled, and frozen beef, veal, mutton and goatmeat and certain prepared items from these. Excluding canned meat and certain items prepared from these meats.<sup>2</sup> Reflects meat that entered Foreign Trade Zone and possessions and territories prior to Jan. 1, 1977.<sup>3</sup> May not add due to rounding.

Foreign Agricultural Service.

Table 448.—Meat: United States imports, products weight basis, by country of origin, 1984

Country of origin	Beef and veal		Lamb, mutton, and goat, except canned		Pork			Mixed sausage	Other meats n.a.p.f. <sup>5</sup>	Variety meats, fresh or frozen	Total
	Fresh or frozen <sup>1</sup>	Canned, including sausage	Other prepared or preserved <sup>2</sup>	Metric tons	Fresh and frozen	Canned <sup>3</sup>	Other prepared or preserved <sup>2</sup>	Sausage, all types <sup>4</sup>			
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
Argentina.....	90	19,490	15,257	0	0	0	0	0	1	0	34,838
Australia.....	242,862	24	405	1,601	173	1	0	0	121	897	246,084
Brazil.....	0	35,532	2,195	0	0	0	0	0	28	0	37,755
Canada.....	75,799	260	17	0	156,491	741	1,544	1,319	171	4,258	241,218
Costa Rica.....	19,700	0	0	0	0	0	0	0	0	0	19,700
Denmark.....	2,602	70	908	12	43,361	70,772	204	641	4,787	312	125,667
Dominican Republic.....	818	0	0	0	0	0	0	0	0	0	818
El Salvador.....	1,578	0	0	0	0	0	0	0	0	0	1,578
Germany, Fed. Rep. of.....	8,835	16	63	0	0	818	37	61	28	0	1,071
Guatemala.....	12	0	0	0	0	0	0	0	0	0	8,835
Haiti.....	10,158	0	0	0	0	0	0	0	11	0	10,164
Honduras.....	1,938	0	28	0	0	0	0	0	17	0	1,938
Hungary.....	258	0	0	0	0	11,525	1,545	196	82	0	13,388
Ireland.....	145,468	102	0	0	0	0	0	0	6	0	145,468
Mexico.....	0	0	0	0	0	0	0	0	0	0	0
New Zealand.....	4,768	0	26	7,060	0	10,923	6	0	631	161	152,797
Netherlands.....	486	0	0	0	0	0	0	0	0	0	486
Nicaragua.....	0	0	0	0	0	26,150	17	9	0	0	11,586
Panama.....	0	0	0	0	0	3,206	0	0	0	0	4,768
Poland.....	0	0	0	0	0	0	0	0	60	0	26,235
Romania.....	0	0	0	0	0	0	0	16	0	0	3,222
Uruguay.....	150	2,235	952	0	0	18	0	0	0	0	3,337
United Kingdom.....	477	8	0	14	2	14,109	0	0	18	0	529
Yugoslavia.....	0	0	0	6	0	0	0	0	0	0	14,120
Other.....	960	126	13	6	7,076	4,160	18	1	1,167	70	13,597
Total <sup>6</sup> .....	516,959	57,863	19,864	8,693	207,703	142,423	3,371	2,243	7,128	5,707	974,075

<sup>1</sup> Includes prepared items.<sup>2</sup> Includes pickled and cured.<sup>3</sup> Includes canned hams, shoulders, and bacon.<sup>4</sup> Fresh and cured sausage.<sup>5</sup> Mostly mixed luncheon meats.<sup>6</sup> May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 449.—Meat: United States imports by type of product, 1970-84

Year	Beef and veal			Lamb, mutton, and goat, except canned	Pork				Mixed sausage	Other meats n.s.p. <sup>5</sup>	Variety meats, fresh or frozen	Total <sup>6</sup>
	Fresh or frozen <sup>1</sup>	Canned, including sausage	Other prepared or preserved <sup>2</sup>		Fresh and frozen	Canned <sup>3</sup>	Other prepared or preserved <sup>2</sup>	Sausage, all types <sup>4</sup>				
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1970 .....	524,658	54,185	33,577	37,634	25,192	128,531	2,320	1,648	4,762	8,352	4,466	825,326
1971 .....	517,964	41,971	34,573	31,962	28,258	129,868	1,900	1,669	3,537	6,629	2,943	801,274
1972 .....	600,672	45,568	25,471	42,124	29,207	145,360	1,803	2,683	2,810	6,937	3,570	906,205
1973 .....	611,691	42,593	24,617	18,284	28,303	148,136	1,546	2,786	2,320	5,902	3,269	889,447
1974 .....	489,276	42,621	20,517	9,839	21,599	138,724	1,447	2,425	2,165	4,963	2,671	736,248
1975 .....	549,087	28,937	18,329	11,670	14,917	130,863	665	1,944	1,294	5,126	2,534	765,367
1976 .....	587,404	53,902	30,979	15,949	11,192	130,158	585	2,094	1,359	4,753	2,427	840,802
1977 .....	564,894	43,124	25,618	9,885	12,215	120,388	534	2,209	1,387	3,725	2,591	786,570
1978 .....	675,415	46,779	28,689	17,447	27,891	126,045	1,285	2,082	1,743	4,350	2,454	934,180
1979 .....	713,354	45,890	28,721	19,714	46,268	113,518	1,575	2,434	1,849	5,619	4,695	983,637
1980 .....	642,268	42,729	17,799	15,482	93,143	98,529	1,990	2,929	2,230	5,957	4,562	927,618
1981 .....	544,610	34,932	23,303	14,384	98,226	94,102	1,496	1,935	2,103	7,896	3,560	826,547
1982 .....	607,184	37,747	17,402	8,649	125,282	96,831	1,547	2,372	2,242	7,373	2,823	909,452
1983 .....	565,997	59,073	16,766	8,752	121,707	125,593	2,300	2,176	1,911	8,396	3,935	916,604
1984 <sup>7</sup> .....	516,960	57,863	19,864	8,693	207,703	142,423	3,372	2,243	2,121	7,129	5,707	974,078

<sup>1</sup> Includes prepared items.<sup>2</sup> Includes pickled and cured.<sup>3</sup> Includes canned hams, shoulders, and bacon.<sup>4</sup> Includes fresh and cured sausage.<sup>5</sup> Mostly mixed luncheon meats.<sup>6</sup> May not add due to rounding.<sup>7</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 450.—Meat: International trade, selected countries, 1982-84 <sup>1</sup>

Continent and country	1982		1983		1984 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:						
Canada .....	247	112	242	121	268	132
Costa Rica .....	42		32		20	
Dominican Republic .....	4	13	8	3	3	
El Salvador .....	2		2		2	
Guatemala .....	9		9		10	
Honduras .....	24		20		18	
Mexico .....	13	29	14	16	4	6
Nicaragua .....	10		15		12	
Panama .....	4		2		3	
United States .....	213	1,175	225	1,212	227	1,280
Total <sup>3</sup> .....	568	1,329	569	1,352	567	1,418
South America:						
Argentina .....	546		438		264	1
Brazil .....	361	21	404	20	510	30
Chile .....	7	10	7	6		
Colombia .....	18		14		7	
Peru .....		19		19		
Uruguay .....	182		236		145	
Venezuela .....		63	7	18		6
Total <sup>3</sup> .....	1,114	113	1,099	63	926	37

See footnotes at end of table.



Table 450.—Meat: International trade, selected countries, 1982-84 <sup>1</sup>—Continued

Continent and country	1982		1983		1984 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe:						
Belgium-Luxembourg.....	285	79	375	107	428	107
Denmark.....	909	4	945	6	967	8
France.....	401	618	387	676	472	682
Germany, Fed. Rep. of.....	414	692	452	728	520	751
Greece.....		157		216		219
Ireland.....	311	15	341	25	335	32
Italy.....	100	824	109	832	145	725
Netherlands.....	879	119	957	108	1,054	101
United Kingdom.....	194	1,137	296	1,072	354	1,015
Total EC.....	3,493	3,645	3,862	3,770	4,275	3,640
Austria.....	28	10	32	8	45	6
Finland.....	42		45		40	
Portugal.....		3		11		6
Spain.....	4	28	10	26	16	44
Sweden.....	91	12	77	17	97	10
Switzerland.....	4	25	3	27	1	22
Total Western Europe <sup>3</sup> .....	3,662	3,723	4,029	3,859	4,774	3,728
Bulgaria.....	51	2	52	2	52	2
Czechoslovakia.....	61	29	87	25	76	15
German Dem. Rep.....	247		230		232	
Hungary.....	177	15	178	12	204	10
Poland.....	52	70	93	36	85	125
Romania.....	160	12	185	10	172	5
Yugoslavia.....	107	40	83	42	90	31
Total Eastern Europe <sup>3</sup> .....	855	168	908	127	911	178
Total Europe <sup>3</sup> .....	4,517	3,891	4,937	3,986	5,685	3,906
Soviet Union <sup>4</sup> .....	32	679	25	779	25	615
Africa:						
Egypt.....		111		142		169
South Africa.....	2	24	4	24	3	19
Morocco.....		4				
Total <sup>3</sup> .....	2	115	4	166	3	188
Asia:						
China.....	230		264		276	
Hong Kong.....		68		82		85
India.....	62		83		88	
Israel.....		56		46		51
Japan.....		546		599		645
Korea, Rep. of.....	10	82	11	78	9	37
Malaysia.....		10		10		
Philippines.....	1	11		5		1
Saudi Arabia.....		52				
Singapore.....	1	3	3	24	2	22
Taiwan.....	20	21	32	24	52	23
Turkey.....	56		58		60	
Total <sup>3</sup> .....	380	849	451	868	487	864
Oceania:						
Australia.....	1,184		947		667	
New Zealand.....	846	2	938	2	786	2
Total <sup>3</sup> .....	2,030	2	1,885	2	1,453	2
Total selected countries <sup>3</sup> .....	8,643	6,978	8,970	7,216	9,146	7,030

<sup>1</sup> Carcass weight equivalent of beef and veal, pork, and lamb, mutton and goat meat. Excludes fat, offals, and live animals. <sup>2</sup> Preliminary. <sup>3</sup> Totals may not add due to rounding. <sup>4</sup> Estimate based on trading partner data. Reported on product weight bases.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 451.—Meats and lard: Production and civilian consumption, United States, 1970-84 <sup>1</sup>

Year	Beef			Veal			Lamb and mutton		
	Production	Consumption		Production	Consumption		Production	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1970 .....	21,685	22,926	113.5	588	581	2.9	551	657	3.2
1971 .....	21,904	23,086	112.7	547	546	2.7	556	646	3.2
1972 .....	22,413	23,956	115.5	458	464	2.2	543	684	3.3
1973 .....	21,278	22,814	108.8	357	376	1.8	512	556	2.7
1974 .....	23,137	24,488	115.7	486	493	2.3	464	482	2.3
1975 .....	23,975	25,397	118.8	873	876	4.1	411	431	2.0
1976 .....	25,969	27,538	127.5	852	853	4.0	371	396	1.8
1977 .....	25,279	27,047	124.0	833	835	3.8	350	370	1.7
1978 .....	24,241	24,998	117.9	631	645	2.9	310	343	1.6
1979 .....	21,447	23,521	105.5	435	450	2.0	291	332	1.5
1980 .....	21,643	23,319	103.4	400	410	1.8	318	344	1.5
1981 .....	22,389	23,756	104.2	436	438	1.9	337	360	1.6
1982 .....	22,536	23,998	104.3	448	457	2.0	365	381	1.6
1983 .....	23,243	24,710	106.4	453	457	2.0	375	388	1.7
1984 <sup>2</sup> .....	23,598	24,900	106.2	495	503	2.2	379	398	1.7

  

Year	Pork			All meats			Lard		
	Production	Consumption		Production	Consumption		Production	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1970 .....	14,699	14,661	72.6	37,523	38,825	192.3	1,913	939	4.6
1971 .....	16,006	16,127	78.7	39,013	40,405	197.2	1,960	880	4.2
1972 .....	14,422	14,712	70.9	37,836	39,816	191.9	1,559	787	3.7
1973 .....	13,223	13,298	63.4	35,370	37,044	176.7	1,254	705	3.3
1974 .....	14,331	14,493	68.5	38,418	39,956	188.8	1,366	681	3.2
1975 .....	11,779	11,852	55.4	37,038	38,556	180.3	1,012	615	2.8
1976 .....	12,688	12,667	58.6	39,880	41,456	191.9	1,060	568	2.6
1977 .....	13,248	13,202	60.5	39,710	41,454	190.1	1,038	495	2.2
1978 .....	13,393	13,293	60.3	38,575	40,278	182.7	1,006	488	2.2
1979 .....	15,450	15,353	68.8	37,623	39,657	177.8	1,129	569	2.5
1980 .....	16,616	16,574	73.5	38,977	40,648	180.2	1,207	588	2.6
1981 .....	15,872	15,927	69.9	39,034	40,481	177.6	1,159	573	2.5
1982 .....	14,229	14,425	62.7	37,578	39,261	170.6	1,011	586	2.5
1983 .....	15,199	15,369	66.2	39,270	40,924	176.2	973	424	1.8
1984 <sup>2</sup> .....	14,812	15,396	65.6	39,284	41,197	175.9	939	355	1.5

<sup>1</sup> Carcass weight equivalent or dressed weight. Beginning 1977, pork production was no longer reported as "pork, excluding lard." This series has been revised to reflect pork production in prior years on a dressed weight basis that is comparable with the method used to report beef, veal, and lamb and mutton. Edible offals are excluded.

<sup>2</sup> Preliminary.

Economic Research Service.

**Table 452.—Meat: United States exports and shipments to Territories, and imports into the United States, carcass weight equivalent, 1970-84 <sup>1</sup>**

Year	Exports and shipments to Territories				Imports				
	Beef and veal	Lamb and mutton	Pork <sup>2</sup>	All meat	Beef	Veal	Lamb and mutton	Pork <sup>2</sup>	All meat
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1970.....	104	7	194	305	1,792	24	122	491	2,429
1971.....	121	8	198	327	1,734	22	103	496	2,355
1972.....	124	7	236	367	1,960	36	148	538	2,682
1973.....	152	6	279	437	1,990	31	53	533	2,607
1974.....	130	8	204	342	1,615	31	26	488	2,160
1975.....	124	8	317	449	1,758	24	27	439	2,248
1976.....	170	7	421	598	2,073	22	36	469	2,600
1977.....	181	6	399	586	1,939	24	22	439	2,424
1978.....	221	4	421	646	2,298	25	39	495	2,857
1979.....	222	3	448	673	2,405	26	45	499	2,975
1980.....	223	5	417	645	2,064	21	33	550	2,668
1981.....	258	5	452	715	1,743	18	31	541	2,333
1982.....	310	4	366	680	1,939	19	19	612	2,589
1983.....	317	4	361	682	1,931	19	19	702	2,670
1984 <sup>3</sup> .....	383	5	311	699	1,823	24	20	954	2,821

<sup>1</sup> Carcass weight equivalent of all meat, including the meat content of minor meats and of mixed products. Includes shipments to Puerto Rico, the Virgin Islands, Guam, and Wake Island, 1968-69. Beginning 1970, includes shipments to Puerto Rico and Virgin Islands only.

<sup>2</sup> The pork series has been revised to a dressed weight equivalent rather than "Pork, excluding lard." (See Footnote 1, table 451)

<sup>3</sup> Preliminary.

Economic Research Service. Data on imports and commercial exports and shipments are computed from records of the U.S. Department of Commerce, those on exports and shipments by the U.S. Department of Agriculture are separately estimated from deliveries and stocks.

**Table 453.—Hides, packer: Average price per hundred pounds, Central U.S., 1970-84**

Year	Steers					Cows/Heifers		
	Heavy native	Light native	Heavy Texas	Butt branded	Colorado branded	Heavy native	Light native	Branded
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1970.....	12.85			11.80	9.95	13.44	16.98	11.35
1971.....	14.53			11.95	10.80	14.17	17.03	11.63
1972.....	29.79			27.42	26.02	30.12	34.76	28.21
1973.....	33.78			28.83	26.24	34.14	38.72	29.01
1974.....	23.38			19.77	18.13	23.46	27.19	19.61
1975.....	23.25			20.67	18.82	21.60	23.80	17.51
1976.....	36.11			33.41	31.33	36.25	40.65	33.02
1977.....	37.29			36.21	34.75	39.21	51.00	36.04
1978.....	46.54			41.83	42.64	45.55	51.42	45.24
1979.....	72.68	88.95		66.94	62.51	76.38	88.89	68.74
1980.....	45.70	50.85	44.18	42.33	38.95	47.07	54.02	43.44
1981.....	44.19	50.30	44.18	42.19	40.19	46.07	52.38	42.99
1982.....	42.31	49.82	41.33	39.82	37.17	45.10	49.41	41.78
1983.....	50.21	57.55	48.10	46.05	45.02	53.48	60.72	51.14
1984.....	61.02		57.90	58.46	54.02	67.02		64.98

Agricultural Marketing Service.

Table 454.—Hides and skins: United States imports and exports, 1970-84

Year	Imports				Exports			
	Calf and kip	Cattle <sup>1</sup>	Goat and kid	Sheep and lamb <sup>2</sup>	Calf	Kip	Cattle <sup>3</sup>	Sheep and lamb <sup>2</sup>
	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces
1970.....	542	386	3,028	18,686	1,074	241	15,222	3,822
1971.....	235	276	1,956	19,283	1,968	254	15,962	5,934
1972.....	261	292	3,355	16,852	1,621	451	17,578	5,872
1973.....	437	709	1,624	12,894	1,608	279	16,866	5,792
1974.....	439	520	583	15,732	1,802	365	18,429	4,897
1975.....	222	959	879	15,520	2,051	352	21,269	4,571
1976.....	93	962	1,255	16,615	1,657	505	25,270	3,409
1977.....	91	932	1,137	15,468	2,052	447	24,484	836
1978.....	179	704	1,762	17,807	2,079	351	24,792	<sup>4</sup> 1,444
1979.....	126	673	2,444	15,529	1,970	352	23,731	2,279
1980.....	64	880	519	9,027	2,205	290	19,568	1,675
1981.....	99	1,028	821	14,237	2,542	485	19,703	1,232
1982.....	118	657	661	8,374	2,919	459	23,168	2,429
1983.....	138	664	222	7,935	2,204	442	21,861	2,003
1984 <sup>5</sup> .....	121	711	412	7,424	2,112	478	25,889	3,197

<sup>1</sup> Excludes pieces of cattle hides reported in units of pounds.<sup>2</sup> Includes cabretta and hair sheepskins.<sup>3</sup> Beginning January 1970, excludes pieces of cattle hides reported in units of pounds.<sup>4</sup> Schedule B numbers 211.6000 and 211.7000 have been dropped from hides and skins count due to Schedule B changes implemented January 1, 1978.<sup>5</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 455.—Hides and skins: United States imports by country of origin, 1982-84

Country of origin	1982	1983	1984 <sup>1</sup>	Country of origin	1982	1983	1984 <sup>1</sup>
	1,000 pieces	1,000 pieces	1,000 pieces		1,000 pieces	1,000 pieces	1,000 pieces
Cattle hides: <sup>2</sup>				Sheep and lambs: <sup>3</sup>			
Canada.....	592	570	669	Afghanistan.....	229	133	48
Honduras.....	18	13	7	Ethiopia.....	322	382	506
Other countries.....	48	81	35	United Kingdom.....	39	6	5
Total.....	658	664	711	South Africa.....	188	459	81
				Iran.....	702	1,255	463
Calf and kip:				Australia.....	227	77	35
Canada.....	109	120	105	New Zealand.....	5,316	4,607	4,788
Other countries.....	9	18	16	Germany, Fed. Rep. of.....	85	14	12
Total.....	118	138	121	France.....	325	143	134
				Argentina.....	6		
Goat and kid:				Canada.....	106	83	133
Afghanistan.....	91			Sudan.....	461	433	718
Haiti.....	30	5	53	Nigeria.....	53	132	253
Ethiopia.....	90	24	36	Other countries.....	315	161	248
Indonesia.....	96	90	195	Total.....	8,374	7,935	7,424
Iran.....	87	0	29				
China.....	101	48	12				
Other countries.....	165	55	87				
Total.....	661	222	412				

<sup>1</sup> Preliminary.<sup>2</sup> Excludes pieces of cattle hides reported in units of pounds.<sup>3</sup> Includes cabretta and hair sheepskins; excludes pieces of sheep and lamb skins reported in pounds.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 456.—Hides and skins: United States exports by country of destination, 1982-84

Country of destination	1982	1983	1984 <sup>1</sup>	Country of destination	1982	1983	1984 <sup>1</sup>
	<i>1,000 pieces</i>	<i>1,000 pieces</i>	<i>1,000 pieces</i>		<i>1,000 pieces</i>	<i>1,000 pieces</i>	<i>1,000 pieces</i>
<b>Cattle hides: <sup>2</sup></b>				<b>Calf skins:</b>			
Canada.....	1,041	1,235	1,145	Canada.....	107	104	55
Mexico.....	1,882	1,297	1,888	Mexico.....	581	550	655
France.....	478	332	316	Czechoslovakia.....	8	0	0
Germany, Fed. Rep. of.....	670	343	256	Germany, Fed. Rep. of.....	41	17	4
Italy.....	1,390	823	1,243	Italy.....	427	403	242
Spain.....	643	246	540	Korea, Rep. of.....	194	12	21
Romania.....	939	1,318	1,088	Spain.....	69	0	20
Taiwan.....	1,740	2,433	2,765	Japan.....	1,234	832	912
Korea, Rep. of.....	4,572	4,635	5,447	Other countries.....	258	1,918	203
Japan.....	6,467	6,413	7,394	<b>Total.....</b>	<b>2,919</b>	<b>2,204</b>	<b>2,112</b>
Czechoslovakia.....	415	489	669				
Other countries.....	2,931	2,297	3,138	<b>Kipskins:</b>			
<b>Total.....</b>	<b>23,168</b>	<b>21,861</b>	<b>25,889</b>	Canada.....	14	18	11
				Korea, Rep. of.....	3	46	3
<b>Sheep and lamb skins: <sup>3</sup></b>				Italy.....	109	143	39
Canada.....	30	38	57	Germany, Fed. Rep. of.....	19	3	3
Japan.....	57	198	328	Hungary.....	15	21	16
Brazil.....	0	0	13	Japan.....	171	75	136
Germany, Fed. Rep. of.....	256	47	257	Other countries.....	128	136	270
Italy.....	935	743	1,248	<b>Total.....</b>	<b>459</b>	<b>442</b>	<b>478</b>
United Kingdom.....	32	194	264				
Poland.....	0	131	117				
Other countries.....	884	652	913				
<b>Total.....</b>	<b>2,429</b>	<b>2,003</b>	<b>3,197</b>				

<sup>1</sup> Preliminary.<sup>2</sup> Excludes pieces of cattle hides reported in units of pounds.<sup>3</sup> Schedule B numbers 211.6000 and 211.7000 have been dropped from hides and skins count due to Schedule B changes implemented January 1, 1978.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 457.—Livestock and poultry inventory: Index numbers, United States, Jan. 1, 1975-85 <sup>1</sup>

[1977 = 100]

Year	Total live-stock and poultry	Meat animals	Milk cattle <sup>2</sup>	Poultry	Year	Total live-stock and poultry	Meat animals	Milk cattle <sup>2</sup>	Poultry
1975.....	107	107	103	101	1981.....	96	96	101	106
1976.....	103	103	101	100	1982.....	96	96	103	103
1977.....	100	100	100	100	1983.....	95	94	103	101
1978.....	36	96	99	102	1984.....	94	94	104	97
1979.....	93	92	99	106	1985 <sup>3</sup> .....	91	91	102	99
1980.....	94	94	99	108					

<sup>1</sup> For method of combining species and weights in construction of these index numbers see Agricultural Handbook No. 365, Volume II, major statistical series of the U.S. Department of Agriculture, April 1970. Weights based on 1967 sales values relative to milk cows are as follows: Milk cows, 1.00; beef cattle and calves, 0.71; hogs, 0.17; sheep and lambs, 0.07; chickens, 0.001; and turkey breeder hens, 0.014. Index computations for Jan. 1 uses turkey breeder hens, all chickens (excluding commercial broilers), and hogs and pigs on hand Dec. 1 preceding year.<sup>2</sup> Weights for milk cattle are as follows: Milk cows, 1.00; heifers weighing 500 lbs. and over, 0.56.<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 458.—Mink pelts: Number produced by color class, major States, and United States, 1984

State	Standard	Ranch wild	Demi-buff <sup>1</sup>	Pastel	Pale brown	Sapphire	Gun-metal	Platinum	Pearl	Lavender Hope	Pink	Violet type	White	Miscellaneous and unclassified	Total pelts
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
Ga.	( <sup>2</sup> )	( <sup>2</sup> )	25,800	( <sup>2</sup> )	( <sup>2</sup> )	5,000	( <sup>2</sup> )	( <sup>2</sup> )	600	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	30,200
Idaho	42,600	24,300	118,400	29,500	( <sup>2</sup> )	370	( <sup>2</sup> )	( <sup>2</sup> )	13,700	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	7,400	1,800	245,300
Ill.	109,900	5,100	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	16,500	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	205,400
Ind.	10,400	3,300	10,400	2,200	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	20,300
Iowa	57,800	8,700	10,400	21,700	( <sup>2</sup> )	6,700	1,800	( <sup>2</sup> )	33,800	( <sup>2</sup> )	600	11,200	( <sup>2</sup> )	3,000	155,700
Mass.	2,200	( <sup>2</sup> )	5,900	1,600	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3,500	( <sup>2</sup> )	( <sup>2</sup> )	21	( <sup>2</sup> )	( <sup>2</sup> )	15,600
Mich.	56,800	31,900	10,100	14,400	( <sup>2</sup> )	8,600	( <sup>2</sup> )	( <sup>2</sup> )	16,600	( <sup>2</sup> )	( <sup>2</sup> )	23,500	10,800	( <sup>2</sup> )	167,500
Minn.	173,800	156,300	86,300	52,000	( <sup>2</sup> )	3,200	5,300	200	31,300	( <sup>2</sup> )	( <sup>2</sup> )	23,900	23,000	100	591,600
N.Y.	45,400	17,600	7,800	9,900	( <sup>2</sup> )	7,800	6,000	( <sup>2</sup> )	12,500	( <sup>2</sup> )	( <sup>2</sup> )	14,700	14,700	( <sup>2</sup> )	107,000
Ohio	57,600	12,800	18,600	13,100	( <sup>2</sup> )	27,500	42,600	( <sup>2</sup> )	21,300	( <sup>2</sup> )	( <sup>2</sup> )	6,600	6,600	( <sup>2</sup> )	143,800
Oreg.	53,500	5,600	30,300	20,600	450	15,700	8,700	( <sup>2</sup> )	16,700	( <sup>2</sup> )	( <sup>2</sup> )	23,300	23,300	( <sup>2</sup> )	152,000
Pa.	( <sup>2</sup> )	( <sup>2</sup> )	10,400	6,600	( <sup>2</sup> )	27,500	8,700	( <sup>2</sup> )	21,100	( <sup>2</sup> )	( <sup>2</sup> )	19,100	( <sup>2</sup> )	( <sup>2</sup> )	158,600
S. Dak.	16,400	41,900	9,500	5,200	( <sup>2</sup> )	23,900	6,300	( <sup>2</sup> )	36,400	( <sup>2</sup> )	( <sup>2</sup> )	52,300	1,300	( <sup>2</sup> )	155,000
Utah	186,300	48,900	91,000	41,800	240	7,800	30,100	280	57,000	( <sup>2</sup> )	( <sup>2</sup> )	113,400	120,900	( <sup>2</sup> )	487,500
Wash.	100,200	7,100	53,200	5,200	( <sup>2</sup> )	7,800	8,500	( <sup>2</sup> )	37,000	( <sup>2</sup> )	( <sup>2</sup> )	50,600	50,600	( <sup>2</sup> )	216,500
Wis.	464,400	74,100	128,500	102,200	4,100	36,900	8,500	900	71,600	12,100	50,600	113,400	120,900	600	1,188,900
Other States	54,500	12,600	73,000	23,000	450	1,200	1,300	170	13,600	390	3,600	2,800	10,600	60	197,500
U.S.	1,454,900	451,300	422,400	365,500	9,400	148,400	121,500	3,400	317,000	13,000	122,100	300,500	182,400	6,600	4,218,400

<sup>1</sup> This color class includes Demi-buff—Dark brown, Violet, Pastel, Standard and Pearl crosses and others.<sup>2</sup> Included in total to avoid disclosing individual operations.

Statistical Reporting Service.

**Table 459.—Mink farms, pelts produced and value of mink pelts, United States, 1970–1984**

Year	Mink farms	Pelts produced	Average marketing price	Value of Mink pelts
	<i>Number</i>	<i>Thousand</i>	<i>Dollars</i>	<i>Million dollars</i>
1970 .....	2,227	4,532	( <sup>1</sup> )	( <sup>1</sup> )
1971 .....	1,615	3,380	( <sup>1</sup> )	( <sup>1</sup> )
1972 .....	1,380	2,965	( <sup>1</sup> )	( <sup>1</sup> )
1973 .....	1,329	3,037	( <sup>1</sup> )	( <sup>1</sup> )
1974 .....	1,221	3,128	( <sup>1</sup> )	( <sup>1</sup> )
1975 .....	1,084	3,067	24.10	73.9
1976 .....	1,015	3,026	29.00	87.8
1977 .....	1,040	3,076	28.30	87.1
1978 .....	1,095	3,358	39.30	132.0
1979 .....	1,105	3,394	41.10	139.5
1980 .....	1,122	3,501	35.30	123.6
1981 .....	( <sup>2</sup> )	( <sup>2</sup> )	32.20	( <sup>2</sup> )
1982 .....	1,116	4,085	28.90	118.1
1983 <sup>3</sup> .....	1,098	4,137	29.90	123.7
1984 .....	1,069	4,218	28.20	119.0

<sup>1</sup> Data not available prior to 1975.<sup>2</sup> Data not available for 1981.<sup>3</sup> Revised, based on additional information.

Statistical Reporting Service.

**Table 460.—Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1970–84**

Year	Cattle		Calves		Sheep and lambs		Goats		Hogs		Horses	
	Total	Con-demned <sup>1</sup>	Total	Con-demned <sup>1</sup>	Total	Con-demned <sup>1</sup>	Total	Con-demned <sup>1</sup>	Total	Con-demned <sup>1</sup>	Total	Con-demned <sup>1</sup>
	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>
1970 .....	30,793	79.0	3,024	18.1	10,010	56.1	421	1.0	78,187	134.7	55	3.5
1971 .....	31,419	94.2	2,806	18.1	10,256	45.2	301	1.7	86,667	171.5	55	.5
1972 .....	32,267	97.0	2,421	17.4	9,905	44.3	146	.....	78,759	155.7	65	.....
1973 .....	30,521	91.8	1,808	13.3	9,234	40.6	87	.....	72,264	145.6	165	.....
1974 .....	33,319	100.1	2,355	16.4	8,556	37.3	72	.....	77,071	155.2	207	.....
1975 .....	36,904	111.0	3,894	26.6	7,552	32.9	49	.....	64,926	131.2	247	.....
1976 .....	38,992	117.0	4,438	30.8	6,474	27.9	41	.....	70,454	140.4	293	.....
1977 .....	38,717	121.9	4,696	63.3	6,133	31.5	45	.3	74,019	198.9	317	3.0
1978 .....	36,948	143.0	3,620	54.9	5,169	41.3	45	.6	74,139	257.8	323	2.1
1979 .....	31,504	111.8	2,499	39.4	4,833	30.1	63	.7	85,425	291.1	304	1.9
1980 .....	31,642	108.2	2,294	33.0	5,363	31.9	93	.9	91,882	318.7	274	1.7
1981 .....	32,819	110.9	2,478	31.2	5,789	36.8	63	.5	87,851	279.2	219	1.3
1982 .....	33,907	121.3	2,729	37.8	6,273	57.1	84	1.2	79,328	247.8	149	.9
1983 .....	34,816	122.9	2,798	36.1	6,412	31.3	79	.5	84,762	189.1	99	.7
1984 .....	35,880	139.5	3,030	41.3	6,549	36.0	119	1.1	82,478	202.9	105	.5

<sup>1</sup> Condemnations for 1970–76 do not include ante-mortem cases of parts of carcasses. Beginning with 1977, condemnations include ante-mortem and post-mortem inspection. Beginning with 1980, condemnations are for the fiscal year ending September 30. Data reported by Food Safety and Inspection Service, USDA.

Statistical Reporting Service.

## CHAPTER VIII

# DAIRY AND POULTRY STATISTICS

Dairy statistics in this chapter include series relating to many phases of production, movement, prices, stocks, and consumption of milk and its products. Two series of number of milk cows on farms are included in this publication. One series is an inventory number of a specific classification estimated as one of the major groups making up the total cattle population on January 1. The other series identified as "milk cows" is an annual average number of milk cows during the year (excluding any not yet fresh) and is used in estimating milk production.

In comparing the several series of milk prices, it is important to note that prices received by farmers for all whole milk sold are for milk or milkfat content as actually sold, while certain prices paid by dealers for milk for fluid purposes or for specified manufacturing purposes may be quoted on a 3.5 percent butterfat basis, or for some types of manufacturing milk on the test of the milk used for that particular purpose.

Poultry and poultry products statistics include inventory numbers of chickens by classes; the production, disposition, cash receipts, and gross income from chickens and eggs; poultry and egg receipts at principal markets; commercial broiler production; turkey production, disposition, and gross income; poultry and eggs under Federal inspection; and the National Poultry Improvement Plan. Estimates relating to inventories, production, and income exclude poultry and eggs produced on places not classified as farms.

**Table 461.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, United States, Jan. 1, 1970-85**

Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements	Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements
	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>
1970.....	12,091	3,880	1978.....	10,896	3,886
1971.....	11,909	3,843	1979.....	10,790	3,932
1972.....	11,776	3,828	1980.....	10,758	4,159
1973.....	11,622	3,872	1981.....	10,849	4,342
1974.....	11,297	3,941	1982.....	10,956	4,547
1975.....	11,220	4,087	1983.....	11,047	4,545
1976.....	11,071	3,956	1984.....	11,109	4,532
1977.....	10,998	3,887	1985 <sup>1</sup> .....	10,819	4,757

<sup>1</sup> Preliminary.

Statistical Reporting Service.



Table 462.—Milk cows rations: Quantities and value of concentrates fed, by States, 1983 and 1984

State	Grain and other concentrates fed during calendar year				Value per 100 pounds of concentrate rations fed during the year	
	Per cow		Per 100 pounds of milk produced		1983	1984
	1983	1984	1983	1984		
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	5,840	5,470	54	51	8.93	8.85
Alaska.....	5,000	4,300	37	34	12.60	12.70
Ariz.....	7,000	6,920	47	47	7.78	8.00
Ark.....	6,110	6,030	60	59	8.09	8.43
Calif.....	6,820	6,640	44	42	7.86	8.18
Colo.....	5,840	5,860	45	46	7.70	8.10
Conn.....	5,210	4,830	39	38	9.22	9.52
Del.....	5,320	5,520	40	42	8.33	8.89
Fla.....	10,400	9,500	94	86	7.95	8.22
Ga.....	5,840	5,540	54	52	8.90	9.00
Idaho.....	5,160	5,180	39	39	6.71	7.08
Ill.....	5,220	4,930	44	42	7.96	8.42
Ind.....	5,160	5,230	45	45	8.47	8.41
Iowa.....	4,930	4,630	44	42	7.51	7.80
Kans.....	5,750	5,740	52	52	7.23	7.21
Ky.....	5,090	4,680	51	52	8.37	8.69
La.....	5,480	5,370	58	58	8.91	9.07
Maine.....	4,820	4,850	38	39	9.74	9.96
Md.....	5,350	5,180	41	41	8.79	9.19
Mass.....	4,850	4,400	38	36	9.42	9.58
Mich.....	6,020	5,840	44	43	7.20	7.08
Minn.....	5,100	4,890	42	42	6.80	6.86
Miss.....	4,790	4,660	51	49	8.82	9.10
Mo.....	6,590	6,250	54	52	8.20	8.35
Mont.....	5,260	5,170	43	42	6.84	7.30
Nebr.....	5,450	5,340	47	47	6.97	7.14
Nev.....	5,390	5,640	38	40	7.72	8.06
N.H.....	4,650	4,480	38	37	9.64	9.74
N.J.....	4,500	4,380	36	36	9.10	9.51
N. Mex.....	6,770	7,070	44	45	7.80	8.04
N.Y.....	4,340	4,170	35	34	9.13	9.46
N.C.....	6,050	5,710	47	45	9.17	9.47
N. Dak.....	5,010	4,770	46	46	5.58	5.85
Ohio.....	5,120	4,950	43	42	7.84	8.24
Okla.....	5,810	5,490	54	52	7.96	8.18
Oreg.....	5,400	5,460	40	40	8.88	9.00
Pa.....	5,180	5,040	40	39	8.65	9.07
R.I.....	4,750	4,640	38	38	9.30	9.50
S.C.....	5,970	5,660	50	49	8.94	9.05
S. Dak.....	5,180	4,910	47	47	6.51	6.72
Tenn.....	5,130	4,860	49	47	9.22	9.50
Tex.....	6,560	6,500	55	54	7.74	8.24
Utah.....	5,380	5,450	40	43	7.23	7.46
Vt.....	4,390	4,270	34	34	9.74	9.94
Va.....	4,450	4,410	37	37	9.53	9.70
Wash.....	6,130	5,880	38	36	8.06	8.40
W. Va.....	4,060	4,340	40	40	8.90	9.19
Wis.....	4,900	4,760	38	37	6.94	7.42
Wyo.....	4,460	4,360	39	39	6.60	6.91
U.S.....	5,438	5,253	43.2	42.0	7.88	8.16

Statistical Reporting Service.

**Table 463.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, by States, Jan. 1, 1984, and 1985**

State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements		State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements	
	1984	1985 <sup>1</sup>	1984	1985 <sup>1</sup>		1984	1985 <sup>1</sup>	1984	1985 <sup>1</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Ala.....	52	59	15	15	Nebr.....	121	102	41	42
Alaska.....	1.1	1.3	.5	.6	Nev.....	17	18	7	6
Ariz.....	82	83	15	18	N.H.....	31	31	13	14
Ark.....	77	79	30	39	N.J.....	39	39	17	14
Calif.....	962	974	445	470	N. Mex.....	62	65	22	28
Colo.....	77	75	31	30	N.Y.....	943	942	428	440
Conn.....	50	48	21	25	N.C.....	135	127	41	43
Del.....	10	10	3	3	N. Dak.....	99	97	26	29
Fla.....	190	164	45	44	Ohio.....	403	380	196	184
Ga.....	129	118	40	40	Okla.....	110	107	35	35
Hawaii.....	12	12	7	6	Oreg.....	101	96	45	55
Idaho.....	172	162	94	82	Pa.....	738	735	290	310
Ill.....	228	225	105	115	R.I.....	3.6	3.6	1.2	1.4
Ind.....	204	197	90	95	S.C.....	47	47	15	16
Iowa.....	358	345	135	130	S. Dak.....	164	161	46	46
Kans.....	120	108	54	43	Tenn.....	214	210	95	90
Ky.....	242	232	93	97	Tex.....	333	314	90	130
La.....	101	95	33	31	Utah.....	84	80	37	40
Maine.....	59	59	27	30	Vt.....	190	186	74	73
Md.....	125	121	56	54	Va.....	170	162	67	68
Mass.....	50	47	14	15	Wash.....	214	211	95	132
Mich.....	402	390	180	195	W. Va.....	37	33	16	14
Minn.....	910	890	346	387	Wis.....	1,850	1,840	810	832
Miss.....	95	84	29	41	Wyo.....	12	12	3	3
Mo.....	254	225	104	97	U.S.....	11,109	10,819	4,532	4,757
Mont.....	29	27	9	9					

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 464.—Dairy product-feed price ratios: Milk-feed; dairy feed, 16%; Milk-feed price ratios and value per 100 pounds of grain and concentrate rations fed to milk cows, United States, annual 1970-84**

Year	Milk price cwt	16% dairy feed price cwt	Milk-feed price ratio <sup>1 2</sup>	Value per 100 pounds of grain and concentrates fed to milk cows	Year	Milk price cwt	16% dairy feed price cwt	Milk-feed price ratio <sup>1 2</sup>	Value per 100 pounds of grain and concentrates fed to milk cows
	<i>Dollars</i>	<i>Dollars</i>	<i>Pounds</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Pounds</i>	<i>Dollars</i>
1970.....	5.71	3.75	1.52	3.28	1978.....	10.60	6.90	1.54	6.08
1971.....	5.87	3.95	1.49	3.44	1979.....	12.02	7.80	1.54	6.68
1972.....	6.07	4.00	1.52	3.52	1980.....	13.05	8.85	1.48	7.42
1973.....	7.14	5.65	1.26	4.88	1981.....	13.77	9.60	1.44	8.02
1974.....	8.33	6.90	1.21	6.23	1982.....	13.61	8.85	1.53	7.45
1975.....	8.75	6.75	1.30	6.25	1983.....	13.58	9.40	1.45	7.88
1976.....	9.66	7.05	1.37	6.31	1984.....	13.46	9.55	1.42	8.16
1977.....	9.72	7.00	1.39	6.20					

<sup>1</sup> Annual ratios based on average of monthly ratios.<sup>2</sup> Pounds of 16% mixed dairy feed equal in value to one pound of whole milk.

Statistical Reporting Service.

**Table 465.—Dairy-herd-improvement associations: Number of associations, supervisors, herds and cows on test, and milk and butterfat production, United States, 1970–85**

Year	Associa- tions <sup>1</sup>	Supervi- sors <sup>1</sup>	Official plans					
			Herds	Cows	Cows per herd	Average production		
						Milk	Milkfat	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Pounds</i>	<i>Percent</i>	<i>Pounds</i>
1970 .....	1,267	2,225	34,308	2,122,011	61.9	12,750	3.79	483
1971 .....	1,274	2,201	33,996	2,218,402	65.3	13,000	3.76	489
1972 .....	1,247	2,186	33,197	2,244,685	67.6	13,226	3.75	496
1973 .....	1,231	2,164	33,578	2,359,611	70.3	13,287	3.76	499
1974 .....	1,130	2,209	33,146	2,416,669	72.9	13,163	3.75	493
1975 .....	1,105	2,183	32,222	2,432,961	75.5	13,421	3.76	505
1976 .....	1,051	2,218	32,232	2,438,365	75.7	13,632	3.75	511
1977 .....	1,028	2,266	33,755	2,581,164	76.5	14,435	3.73	539
1978 .....	1,046	2,432	34,972	2,704,064	77.3	14,631	3.70	542
1979 .....	1,045	2,541	36,105	2,792,175	77.3	14,644	3.70	542
1980 .....	1,025	2,638	37,576	2,966,558	78.9	14,786	3.70	547
1981 .....	1,066	2,824	39,524	3,197,353	80.8	14,960	3.70	553
1982 .....	1,044	2,916	40,933	3,382,977	82.6	15,134	3.68	558
1983 .....	1,053	3,116	41,029	3,431,507	83.6	15,280	3.69	564
1984 .....	1,070	2,940	40,745	3,446,570	84.6	15,521	3.68	572
1985 .....			39,100	3,262,174	83.4	15,485	3.71	575

<sup>1</sup> Includes all plans.  
Science and Education Administration.

**Table 466.—Cattle: Tuberculin tests in cooperation with States, 1970–84**

Year	Tuberculin Tests						Infected and exposed <sup>1</sup> herds (fiscal year)
	Herds and lots	Cattle	Reactors reported				
			Herds and lots		Cattle		
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>
1970 .....	133,150	4,044,986	421	0.32	2,574	0.06	50
1971 .....	120,605	3,530,220	349	.29	2,528	.07	67
1972 .....	103,548	2,881,398	235	.23	2,353	.08	52
1973 .....	102,510	2,936,287	163	.16	1,512	.05	38
1974 .....	101,734	2,487,798	231	.23	1,573	.06	30
1975 .....	94,769	2,367,458	158	.17	1,306	.06	47
1976 .....	103,441	2,484,550	298	.29	1,879	.08	52
1977 .....	98,483	2,322,110	175	.18	3,967	.17	29
1978 .....	103,037	2,307,487	92	.09	490	.02	28
1979 .....	108,813	2,422,334	54	.05	688	.03	17
1980 .....	108,535	2,279,974	54	.05	1,668	.07	6
1981 .....	106,715	2,221,228	57	.05	147	.01	13
1982 .....	100,156	2,253,751	39	.04	187	.01	11
1983 .....	92,333	2,172,572	46	.05	721	.03	14
1984 .....	87,691	2,167,018	37	.04	244	.01	7

<sup>1</sup> All methods of surveillance and detection.  
Animal and Plant Health Inspection Service.

Table 467.—Cattle: Brucellosis work in cooperation with States, 1970-84

Year	Milk ring tests <sup>1</sup>			Market cattle blood tests		
	Herd tests	Suspicious herd tests		Cattle tested	Reactor cattle	
	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>
1970.....	1,141,249	3,504	0.3	4,818,267	23,092	0.5
1971.....	1,143,707	2,760	.2	6,381,853	29,926	.5
1972.....	984,825	2,210	.2	7,815,629	39,866	.5
1973.....	895,346	2,580	.3	8,680,880	55,399	.6
1974.....	881,195	2,247	.3	10,007,454	72,348	.7
1975.....	841,392	2,642	.3	13,524,598	90,949	.7
1976.....	730,737	2,096	.3	13,939,367	88,443	.6
1977.....	760,576	2,272	.3	13,608,558	71,994	.5
1978.....	849,527	2,285	.3	13,325,356	70,997	.5
1979.....	763,439	2,315	.3	10,462,153	52,236	.5
1980.....	805,507	3,357	.4	11,290,190	50,369	.4
1981.....	826,745	4,676	.6	11,589,338	50,010	.4
1982.....	938,779	3,295	.4	12,871,496	51,876	.4
1983.....	958,532	3,494	.4	13,571,664	45,752	.3
1984.....	853,123	2,450	.3	14,896,290	42,230	.3

Year	Cattle blood tested on farm or ranch <sup>2</sup>						Adjusted cattle infection rate <sup>3</sup>	Calves vaccinated
	Herd or lot tests	Infected herds or lots		Cattle tested	Reactor cattle			
	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Number</i>
1970.....	264,406	24,033	9.1	5,439,642	96,466	1.8	0.6	4,548,972
1971.....	225,022	21,117	9.4	4,490,636	85,138	1.9	.6	4,116,646
1972.....	214,759	23,588	11.0	4,873,422	97,585	2.0	.7	3,909,944
1973.....	219,167	26,654	12.2	5,361,680	113,453	2.1	.8	3,873,908
1974.....	228,897	34,144	14.9	6,073,077	157,027	2.6	.9	4,010,475
1975.....	238,184	37,117	15.6	6,947,008	181,214	2.6	.9	3,720,441
1976.....	258,710	36,901	14.3	7,454,452	181,165	2.4	.9	3,779,108
1977.....	268,750	32,904	12.2	7,247,352	168,607	2.3	.8	3,780,309
1978.....	271,335	28,846	10.6	6,895,966	154,877	2.2	.8	4,269,151
1979.....	266,991	27,567	10.3	6,713,199	141,665	2.1	.7	5,341,033
1980.....	279,053	28,692	10.3	7,249,853	148,019	2.0	.8	6,355,745
1981.....	292,495	26,488	9.1	7,509,101	136,148	1.8	.3	7,090,102
1982.....	264,508	23,767	9.0	6,632,461	121,635	1.8	.6	7,675,006
1983.....	243,395	19,962	8.2	6,163,513	102,180	1.7	.5	8,353,098
1984.....	206,997	15,511	7.5	5,339,039	75,864	1.4	.4	9,203,815

<sup>1</sup> Represents multiple milk ring tests each year for the commercial dairy herd.<sup>2</sup> Includes an increasing proportion of herds tested each year because of suspicious milk ring or market cattle test results.<sup>3</sup> Percent of cattle infected based on results of tests conducted on farm and ranch, livestock markets, slaughter plants, and negative cattle represented under the milk ring testing program.

Animal and Plant Health Inspection Service.



**Table 468.—Milk and milkfat production: Number of producing cows, yield per cow, and total quantity produced, United States, 1970–84**

Year	Number of milk cows <sup>1</sup>	Production of milk and milkfat <sup>2</sup>				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
1970 .....	12,000	9,751	357	3.66	117,007	4,284
1971 .....	11,839	10,015	367	3.66	118,566	4,344
1972 .....	11,700	10,259	377	3.68	120,025	4,410
1973 .....	11,413	10,119	370	3.66	115,491	4,225
1974 .....	11,230	10,293	377	3.67	115,586	4,238
1975 .....	11,139	10,360	381	3.68	115,398	4,240
1976 .....	11,032	10,894	399	3.66	120,180	4,402
1977 .....	10,945	11,206	410	3.65	122,654	4,481
1978 .....	10,803	11,243	412	3.67	121,461	4,455
1979 .....	10,734	11,492	420	3.66	123,350	4,512
1980 .....	10,799	11,891	435	3.65	128,406	4,692
1981 .....	10,898	12,183	444	3.64	132,770	4,836
1982 .....	11,011	12,306	450	3.65	135,505	4,950
1983 .....	11,098	12,585	460	3.66	139,672	5,105
1984 <sup>3</sup> .....	10,840	12,495	458	3.66	135,444	4,964

<sup>1</sup> Average number during year, excluding heifers not yet fresh.<sup>2</sup> Excludes milk sucked by calves.<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 469.—Milk: Quantities used and marketed by farmers, United States, 1970–84**

Year	Milk used on farms where produced			Milk marketed by producers			
	Fed to calves <sup>1</sup>	Consumed as fluid milk or cream	Total	Sold to plants and dealers <sup>2</sup>		Sold directly to consumers <sup>3</sup>	Total
				As whole milk	As farm separated cream		
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1970 .....	1,702	<sup>4</sup> 2,306	4,008	110,089	1,193	1,717	112,999
1971 .....	1,635	2,117	3,752	112,242	1,000	1,572	114,814
1972 .....	1,624	1,914	3,538	114,152	798	1,537	116,487
1973 .....	1,584	1,766	3,350	109,948	673	1,520	112,141
1974 .....	1,558	1,643	3,201	110,420	421	1,544	112,385
1975 .....	1,566	1,495	3,061	110,460	314	1,563	112,337
1976 .....	1,567	1,392	2,959	115,479	230	1,512	117,221
1977 .....	1,541	1,283	2,824	118,154	182	1,495	119,831
1978 .....	1,497	1,168	2,665	117,203	102	1,490	118,795
1979 .....	1,442	1,040	2,483	119,379	( <sup>5</sup> )	1,489	120,869
1980 .....	1,395	943	2,338	124,598	( <sup>5</sup> )	1,470	126,067
1981 .....	1,418	886	2,304	128,994	( <sup>5</sup> )	1,472	130,467
1982 .....	1,521	839	2,361	131,859	( <sup>5</sup> )	1,285	133,144
1983 .....	1,527	842	2,369	136,090	( <sup>5</sup> )	1,211	137,301
1984 <sup>6</sup> .....	2,250	824	3,074	131,210	( <sup>5</sup> )	1,160	132,371

<sup>1</sup> Excludes milk sucked by calves.<sup>2</sup> Includes milk produced by dealers' own herds.<sup>3</sup> Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.<sup>4</sup> Includes milk used for farm-churned butter, beginning 1970.<sup>5</sup> Equivalent amount of milk included in whole milk to plants and dealers.<sup>6</sup> Preliminary.

Statistical Reporting Service.

Table 470.—Milk and milkfat production: Number of milk cows, yield per cow, and total quantity produced, by States, 1983

State	Number of milk cows <sup>1</sup>	Production of milk and milkfat <sup>2</sup>				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
Ala.....	53	10,811	391	3.62	573	20.7
Alaska.....	1.0	13,500	477	3.53	13.5	0.5
Ariz.....	83	14,904	540	3.62	1,237	44.8
Ark.....	83	10,181	362	3.56	845	30.1
Calif.....	951	15,503	557	3.59	14,743	529.3
Colo.....	76	12,987	464	3.57	987	35.2
Conn.....	49	13,367	488	3.65	655	23.9
Del.....	10.3	13,301	489	3.68	137.0	5.0
Fla.....	191	11,063	393	3.55	2,113	75.0
Ga.....	129	10,814	394	3.64	1,395	50.8
Hawaii.....	12.5	11,920	408	3.42	149.0	5.1
Idaho.....	174	13,236	482	3.64	2,303	83.8
Ill.....	228	11,868	439	3.70	2,706	100.1
Ind.....	206	11,476	428	3.73	2,364	88.2
Iowa.....	360	11,211	413	3.68	4,036	148.5
Kans.....	125	11,056	404	3.65	1,382	50.4
Ky.....	242	9,975	368	3.69	2,414	89.1
La.....	101	9,446	334	3.54	954	33.8
Maine.....	58	12,690	470	3.70	736	27.2
Md.....	123	13,057	480	3.68	1,606	59.1
Mass.....	48	12,771	469	3.67	613	22.5
Mich.....	404	13,683	501	3.66	5,528	202.3
Minn.....	899	12,139	441	3.63	10,913	396.1
Miss.....	94	9,394	344	3.66	883	32.3
Mo.....	254	12,205	444	3.64	3,100	112.8
Mont.....	29	12,241	438	3.58	355	12.7
Nebr.....	122	11,598	426	3.67	1,415	51.9
Nev.....	16.7	14,192	500	3.52	237	8.3
N.H.....	31	12,226	455	3.72	379	14.1
N.J.....	40	12,500	455	3.64	500	18.2
N. Mex.....	61	15,377	544	3.54	938	33.2
N.Y.....	940	12,393	449	3.62	11,649	421.7
N.C.....	133	12,865	472	3.67	1,711	62.8
N. Dak.....	100	10,900	395	3.62	1,090	39.5
Ohio.....	400	11,900	440	3.70	4,760	176.1
Okla.....	110	10,755	387	3.60	1,183	42.6
Oreg.....	101	13,495	506	3.75	1,363	51.1
Pa.....	735	12,939	474	3.66	9,510	348.1
R.I.....	3.6	12,500	456	3.65	45.0	1.6
S.C.....	48	11,938	464	3.89	573	22.3
S. Dak.....	166	11,018	400	3.63	1,829	66.4
Tenn.....	215	10,465	386	3.69	2,250	83.0
Tex.....	334	11,931	426	3.57	3,985	142.3
Utah.....	87	13,460	472	3.51	1,171	41.1
Vt.....	193	12,902	479	3.71	2,490	92.4
Va.....	172	12,035	440	3.66	2,070	75.8
Wash.....	216	16,120	588	3.65	3,482	127.1
W. Va.....	36	10,139	370	3.65	365	13.3
Wis.....	1,845	12,900	481	3.73	23,800	887.7
Wyo.....	11.9	11,429	408	3.57	136.0	4.9
U.S. <sup>3</sup> .....	11,098	12,585	460	3.66	139,672	5,105.0

<sup>1</sup> Average number during year, excluding heifers not yet fresh.<sup>2</sup> Excludes milk sucked by calves.<sup>3</sup> U.S. total will not add due to rounding.

Statistical Reporting Service.

Table 471.—Milk and milkfat production: Number of milk cows, yield per cow, and total quantity produced, by States, 1984 (preliminary)

State	Number of milk cows <sup>1</sup>	Production of milk and milkfat <sup>2</sup>				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
Ala.....	50	10,720	388	3.62	536	19.4
Alaska.....	1.1	12,636	445	3.52	13.9	0.5
Ariz.....	83	14,723	532	3.61	1,222	44.1
Ark.....	79	10,228	364	3.56	808	28.8
Calif.....	967	15,799	562	3.56	15,278	543.9
Colo.....	75	12,747	461	3.62	956	34.6
Conn.....	48	12,708	473	3.72	610	22.7
Del.....	10.0	13,150	483	3.67	131.5	4.8
Fla.....	172	11,035	387	3.51	1,898	66.6
Ga.....	120	10,650	388	3.64	1,278	46.5
Hawaii.....	12.1	12,231	410	3.35	148.0	5.0
Idaho.....	165	13,291	482	3.63	2,193	79.6
Ill.....	224	11,737	438	3.73	2,629	98.1
Ind.....	199	11,613	434	3.74	2,311	86.4
Iowa.....	345	11,029	407	3.69	3,805	140.4
Kans.....	111	11,036	405	3.67	1,225	45.0
Ky.....	234	9,000	331	3.68	2,106	77.5
La.....	97	9,258	327	3.53	898	31.7
Maine.....	59	12,441	464	3.73	734	27.4
Md.....	121	12,645	464	3.67	1,530	56.2
Mass.....	47	12,234	456	3.73	575	21.4
Mich.....	394	13,579	500	3.68	5,350	196.9
Minn.....	887	11,647	425	3.65	10,331	377.1
Miss.....	88	9,511	346	3.64	837	30.5
Mo.....	229	12,026	440	3.66	2,754	100.8
Mont.....	28	12,321	439	3.56	345	12.3
Nebr.....	107	11,355	424	3.73	1,215	45.3
Nev.....	17.8	14,101	503	3.57	251	9.0
N.H.....	30	12,100	455	3.76	363	13.6
N.J.....	39	12,154	447	3.68	474	17.4
N. Mex.....	64	15,719	560	3.56	1,006	35.8
N.Y.....	931	12,250	448	3.66	11,405	417.4
N.C.....	130	12,685	471	3.71	1,649	61.2
N. Dak.....	100	10,360	375	3.62	1,036	37.5
Ohio.....	390	11,795	439	3.72	4,600	171.1
Okla.....	107	10,561	379	3.59	1,130	40.6
Oreg.....	98	13,653	512	3.75	1,338	50.2
Pa.....	729	12,926	476	3.68	9,423	346.8
R.I.....	3.6	12,222	446	3.65	44.0	1.6
S.C.....	47	11,553	448	3.88	543	21.1
S. Dak.....	162	10,438	381	3.65	1,691	61.7
Tenn.....	208	10,346	383	3.70	2,152	79.6
Tex.....	320	12,031	428	3.56	3,850	137.1
Utah.....	82	12,671	450	3.55	1,039	36.9
Vt.....	183	12,568	469	3.73	2,300	85.8
Va.....	165	11,921	436	3.66	1,967	72.0
Wash.....	212	16,340	598	3.66	3,464	126.8
W. Va.....	34	10,853	400	3.69	369	13.6
Wis.....	1,828	12,856	481	3.74	23,501	878.9
Wyo.....	11.8	11,186	402	3.59	132.0	4.7
U.S. <sup>3</sup> .....	10,840	12,495	458	3.66	135,444	4963.8

<sup>1</sup> Average number during year, excluding heifers not yet fresh.<sup>2</sup> Excludes milk sucked by calves.<sup>3</sup> U.S. total will not add due to rounding.

Statistical Reporting Service.

**Table 472.—Milk: Quantities used and marketed by producers, by States, 1984  
(preliminary)**

State	Milk used on farms where produced			Milk marketed by farmers		
	Fed to calves <sup>1</sup>	Used for milk, cream, and butter	Total	Sold to plants and dealers as whole milk <sup>2</sup>	Sold directly to consumers <sup>3,4</sup>	Total <sup>5</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Ala.....	6	2	8	528		528
Alaska.....	5	4	9	12.7	0.3	13.0
Ariz.....	6	1	7	1,210	5	1,215
Ark.....	22	8	30	778		778
Calif.....	56	10	66	14,921	291	15,212
Colo.....	43	10	53	874	29	903
Conn.....	6	3	19	585	16	601
Del.....	1	1	2	129.5		130
Fla.....	11	8	9	1,879		1,879
Ga.....	9	4	13	1,265		1,265
Hawaii.....	1.2	0.8	2.0	146.0		146.0
Idaho.....	42	7	49	2,130	14	2,144
Ill.....	47	11	58	2,571		2,571
Ind.....	32	14	46	2,265		2,265
Iowa.....	144	50	194	3,611		3,611
Kans.....	20	8	28	1,195	2	1,197
Ky.....	91	55	146	1,960		1,960
La.....	8	16	24	865	9	874
Maine.....	9	3	12	715	7	722
Md.....	8	6	14	1,516		1,516
Mass.....	8	2	10	540	25	565
Mich.....	85	20	105	5,230	15	5,245
Minn.....	244	22	266	10,065		10,065
Miss.....	9	8	17	815	5	820
Mo.....	60	14	74	2,680		2,680
Mont.....	12	10	22	320	3	323
Nebr.....	30	15	45	1,170		1,170
Nev.....	3	2	5	246		246
N.H.....	6	2	8	350	5	355
N.J.....	7	2	9	450	15	465
N. Mex.....	6	7	13	968	25	993
N.Y.....	202	77	279	11,070	56	11,126
N.C.....	18	39	57	1,592		1,592
N. Dak.....	37	9	46	990		990
Ohio.....	70	20	90	4,495	15	4,510
Okla.....	20	17	37	1,080	13	1,093
Oreg.....	32	13	45	1,235	58	1,293
Pa.....	104	47	151	8,995	277	9,272
R.I.....	1	1	2	40	2	42
S.C.....	6	6	12	515	16	531
S. Dak.....	10	8	18	1,669	4	1,673
Tenn.....	145	45	190	1,955	7	1,962
Tex.....	40	15	55	3,750	45	3,795
Utah.....	23	5	28	975	36	1,011
Vt.....	30	12	42	2,255	3	2,258
Va.....	21	6	27	1,940		1,940
Wash.....	23	4	27	3,295	142	3,437
W. Va.....	6	4	10	352	7	359
Wis.....	425	173	598	22,890	13	22,903
Wyo.....	4	1	5	127		127
U.S.....	2,250	824	3,074	131,210	1,160	132,371

<sup>1</sup> Excludes milk sucked by calves.

<sup>2</sup> Includes the equivalent amounts of milk for cream sold to plants and milk produced by dealers' own herds, except for New York and California, where such milk is included as sold directly to consumers.

<sup>3</sup> Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.

<sup>4</sup> For States not published, sales are nominal. Included in milk sold to plants.

<sup>5</sup> Total milk sold plus used on farms does not equal total milk produced due to rounding.

Statistical Reporting Service.



Table 473.—Milk: Production in specified countries, 1982-84

Country	Production								
	Milk cows			Yield per cow			Total milk product <sup>1</sup>		
	1982	1983	1984	1982	1983	1984	1982	1983	1984
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>Metric ton</i>	<i>Metric ton</i>	<i>Metric ton</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Argentina.....	3,050	3,000	2,970	1.831	1.767	1.750	5,652	5,300	5,200
Australia.....	1,810	1,795	1,794	2.989	3.162	3.393	5,410	5,675	6,087
Austria.....	973	994	998	3.653	3.693	3.677	3,554	3,634	3,670
Belgium/ Luxembourg.....	1,032	1,035	1,035	3.940	4.020	3.906	4,066	4,161	4,043
Brazil.....	14,500	14,700	15,000	.697	.728	.700	10,100	10,700	10,500
Canada.....	1,778	1,731	1,722	4.647	4.674	4.686	8,258	8,019	8,069
Chile.....	700	690	650	1.507	1.348	1.400	1,055	930	910
Czechoslovakia.....	1,905	1,899	1,896	3.113	3.420	3.534	5,930	6,495	6,700
Denmark.....	999	988	940	5.222	5.493	5.570	5,217	5,427	5,236
Finland.....	679	676	643	4.663	4.787	4.990	3,166	3,236	3,209
France.....	7,054	7,166	7,195	3.878	3.894	3.875	27,358	27,905	27,877
Germany, Dem. Rep. of.....	2,122	2,124	2,096	3.618	3.864	4.175	7,678	8,208	8,750
Germany, Fed. Rep. of.....	5,480	5,600	5,500	4.637	4.806	4.727	25,465	26,913	26,000
Greece.....	345	350	350	1.983	1.934	1.900	684	677	665
Hungary.....	674	671	640	4.065	4.128	4.427	2,740	2,770	2,833
India.....	25,600	26,800	27,000	.574	.597	.604	14,700	16,000	16,300
Ireland.....	1,458	1,513	1,535	3.547	3.719	3.830	5,172	5,627	5,880
Italy.....	3,044	3,068	3,080	3.548	3.448	3.474	10,800	10,580	10,700
Japan.....	1,082	1,096	1,101	6.238	6.420	6.485	6,750	7,036	7,140
Mexico.....	7,247	7,034	5,520	1.344	1.356	1.053	9,783	9,573	7,408
Netherlands.....	2,430	2,500	2,425	5.230	5.236	5.254	12,708	13,090	12,740
New Zealand.....	1,976	2,005	2,098	3.429	3.438	3.640	6,775	6,893	7,637
Norway.....	385	377	383	5.255	5.284	5.227	2,023	1,992	2,002
Peru.....	705	660	675	.901	.879	.893	635	580	603
Poland.....	5,706	5,686	5,687	2.672	2.800	2.944	15,248	15,920	16,740
Portugal.....	220	215	217	3.605	3.693	3.226	793	794	700
Romania.....	2,163	2,334	2,520	1.556	1.457	1.389	3,365	3,400	3,500
South Africa.....	1,844	1,976	2,008	1.334	1.274	1.256	2,460	2,517	2,522
Soviet Union.....	43,700	43,800	43,900	2.083	2.201	2.223	91,044	96,400	97,600
Spain.....	1,875	1,860	1,899	3.172	3.253	3.302	5,947	6,050	6,270
Sweden.....	664	663	660	5.503	5.603	5.750	3,654	3,715	3,795
Switzerland.....	844	835	845	4.340	4.468	4.469	3,663	3,731	3,776
United Kingdom.....	3,293	3,357	3,433	5.085	5.188	4.738	16,745	17,415	16,265
United States.....	11,011	11,098	10,842	5.582	5.709	5.666	61,464	63,354	61,436
Venezuela.....	1,171	1,232	1,269	1.321	1.301	1.169	1,547	1,603	1,484
Yugoslavia.....	2,700	2,700	2,690	1.706	1.707	1.749	4,607	4,610	4,705
Total.....	162,234	164,250	163,225				396,437	411,185	408,954

<sup>1</sup> May include milk other than cow's milk.<sup>2</sup> Year ending June 30.<sup>3</sup> Year ending May 31.<sup>4</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

## MILK PRODUCTION

321

Table 474.—Marketings, income, and value of milk production, by States, 1984  
(preliminary)

State	Milk sold to plants and dealers <sup>1</sup>				Milk sold directly to consumers <sup>3</sup>		
	Quantity	Percent fluid grade <sup>2</sup>	Price per 100 pounds	Cash receipts	Quantity	Price per quart	Cash receipts
	<i>Million pounds</i>	<i>Percent</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 quarts</i>	<i>Cents</i>	<i>1,000 dollars</i>
Ala.....	528	99	14.80	78,144			
Alaska.....	12.7	100	21.10	2,680	140	70	98
Ariz.....	1,210	100	13.80	166,980	2,326	51	1,186
Ark.....	778	93	14.20	110,476			
Calif.....	14,921	96	12.85	1,917,349	135,349	51	69,028
Colo.....	874	(*)	14.80	129,352	13,488	53	7,149
Conn.....	585	100	14.40	84,240	7,442	54	4,019
Del.....	129.5	100	14.00	18,130			
Fla.....	1,879	100	16.20	304,398			
Ga.....	1,265	100	14.60	184,690			
Hawaii.....	146.0	100	20.06	29,258			
Idaho.....	2,130	47	12.70	270,510	6,512	65	4,233
Ill.....	2,571	80	13.50	347,085			
Ind.....	2,265	91	13.50	305,775			
Iowa.....	3,611	63	13.10	473,041			
Kans.....	1,195	86	14.00	167,300	930	50	465
Ky.....	1,960	86	13.40	262,640			
La.....	865	100	14.50	125,425	4,186	55	2,302
Maine.....	715	100	14.50	103,675	3,256	51	1,660
Md.....	1,516	100	14.00	212,240			
Mass.....	540	100	14.40	77,760	11,628	53	6,163
Mich.....	5,230	97	13.50	706,050	6,977	50	3,488
Minn.....	10,065	63	12.82	1,290,333			
Miss.....	815	95	14.30	116,545	2,326	56	1,302
Mo.....	2,680	83	13.20	353,760			
Mont.....	320	97	13.80	44,160	1,395	55	767
Nebr.....	1,170	62	13.50	157,950			
Nev.....	246	100	13.50	33,210			
N.H.....	350	100	14.40	50,400	2,326	52	1,209
N.J.....	450	100	13.80	62,100	6,977	47	3,279
N. Mex.....	968	100	13.80	133,584	11,628	58	6,744
N.Y.....	11,070	100	13.50	1,494,450	26,047	52	13,544
N.C.....	1,592	95	15.00	238,800			
N. Dak.....	990	47	12.30	121,770			
Ohio.....	4,495	91	13.50	606,825	6,977	61	4,256
Okla.....	1,080	93	13.80	149,040	6,047	60	3,628
Oreg.....	1,235	91	13.50	166,725	26,977	47	12,679
Pa.....	8,995	99	13.90	1,250,305	128,837	43	55,400
R.I.....	40	100	14.40	5,760	930	54	502
S.C.....	515	100	15.60	80,340	7,442	61	4,540
S. Dak.....	1,669	40	12.70	211,963	1,860	50	930
Tenn.....	1,955	88	13.70	267,835	3,256	57	1,856
Tex.....	3,750	100	14.30	536,250	20,930	57	11,930
Utah.....	975	66	12.90	125,775	16,744	43	7,200
Vt.....	2,255	100	14.00	315,700	1,395	52	726
Va.....	1,940	94	13.90	269,660			
Wash.....	3,295	100	13.10	431,645	66,047	47	31,042
W. Va.....	352	(*)	13.40	47,168	3,256	59	1,921
Wis.....	22,890	74	13.13	3,005,457	6,047	41	2,479
Wyo.....	127	(*)	13.10	16,637			
U.S.....	131,210	86	13.46	17,661,374	539,674	49.2	265,726

See footnotes at end of table.

Table 474.—Marketings, income and value of milk production: by States, 1984  
(preliminary)—Continued

State	Combined marketing of milk and cream			Used for milk, cream, and butter where produced		Gross producer income <sup>6</sup>	Value of all milk produced <sup>7,9</sup>
	Milk utilized	Average returns <sup>6</sup>	Cash receipts from marketings	Milk utilized	Value <sup>7</sup>		
	<i>Million pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.....	528	14.80	4.09	78,144	2	296	79,328
Alaska.....	13.0	21.36	6.07	2,777	.4	85	2,970
Ariz.....	1,215	13.84	3.83	168,166	1	138	169,135
Ark.....	778	14.20	3.99	110,476	8	1,136	111,612
Calif.....	15,212	13.06	3.67	1,986,376	10	1,306	1,987,682
Colo.....	903	15.12	4.18	136,501	10	1,512	138,012
Conn.....	601	14.69	3.95	88,259	3	441	88,699
Del.....	129.5	14.00	3.81	18,130	1	140	18,410
Fla.....	1,879	16.20	4.62	304,398	8	1,296	305,694
Ga.....	1,265	14.60	4.01	184,690	4	584	185,274
Hawaii.....	146.0	20.06	5.99	29,288	.8	160	29,448
Idaho.....	2,144	12.81	3.53	274,743	7	897	275,640
Ill.....	2,571	13.50	3.62	347,085	11	1,485	348,570
Ind.....	2,265	13.50	3.61	305,775	14	1,890	307,665
Iowa.....	3,611	13.10	3.55	473,041	50	6,550	479,591
Kans.....	1,197	14.02	3.82	167,765	8	1,121	168,886
Ky.....	1,960	13.40	3.64	262,640	55	7,370	270,010
La.....	874	14.61	4.14	127,727	16	2,338	130,066
Maine.....	722	14.59	3.91	105,335	3	438	105,773
Md.....	1,516	14.00	3.81	212,240	6	840	213,080
Mass.....	565	14.85	3.98	83,923	2	297	84,220
Mich.....	5,245	13.53	3.68	709,538	20	2,706	712,244
Minn.....	10,065	12.82	3.51	1,290,333	22	2,820	1,293,153
Miss.....	820	14.37	3.95	117,847	8	1,150	118,997
Mo.....	2,680	13.20	3.61	355,760	14	1,848	355,608
Mont.....	323	13.91	3.91	44,927	10	1,391	46,318
Nebr.....	1,170	13.50	3.62	157,950	15	2,025	159,975
Nev.....	246	13.50	3.78	39,210	2	270	39,480
N.H.....	355	14.54	3.87	51,609	2	291	51,900
N.J.....	465	14.06	3.82	65,379	2	281	65,660
N. Mex.....	993	14.13	3.97	140,328	7	989	141,317
N.Y.....	11,126	13.55	3.70	1,507,994	77	10,436	1,518,431
N.C.....	1,592	15.00	4.04	238,800	39	5,850	244,650
N. Dak.....	990	12.30	3.40	121,770	9	1,107	122,877
Ohio.....	4,510	13.55	3.64	611,081	20	2,710	613,791
Okla.....	1,093	13.97	3.89	152,668	17	2,375	155,042
Oreg.....	1,293	13.88	3.70	179,404	13	1,804	181,208
Pa.....	9,272	14.08	3.83	1,305,705	47	6,619	1,312,324
R.I.....	42	14.91	4.09	6,262	1	149	6,411
S.C.....	531	15.98	4.12	84,880	6	959	85,839
S. Dak.....	1,673	12.73	3.49	212,893	8	1,018	213,911
Tenn.....	1,962	13.75	3.72	269,691	45	6,186	275,876
Tex.....	3,795	14.44	4.06	548,180	15	2,167	550,347
Utah.....	1,011	13.15	3.71	132,975	5	658	133,693
Vt.....	2,258	14.01	3.76	316,426	12	1,682	318,107
Va.....	1,940	13.90	3.80	269,660	6	834	270,494
Wash.....	3,437	13.46	3.68	462,687	4	538	463,225
W. Va.....	359	13.67	3.71	49,089	4	547	49,636
Wis.....	22,903	13.13	3.51	3,007,936	173	22,721	3,030,657
Wyo.....	127	13.10	3.65	16,637	1	131	16,768
U.S.....	132,371	13.54	3.70	17,927,099	824	112,581	18,039,680
							18,342,809

<sup>1</sup> Includes the equivalent amounts of milk for cream sold to plants and dealers.

<sup>2</sup> Percentage of milk sold to plants and dealers that is eligible for fluid use (Grade A in most States). Includes fluid-grade milk used in manufactured dairy products.

<sup>3</sup> Also includes milk produced by institutional herds.

<sup>4</sup> Not published to avoid disclosing individual operations.

<sup>5</sup> Based on unrounded value. Includes milk sold directly to consumers.

<sup>6</sup> Cash receipts divided by milk for milkfat represented in combined marketings.

<sup>7</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.

<sup>8</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter.

<sup>9</sup> Includes value of milk fed to calves.

Statistical Reporting Service.

Table 475.—Marketings, income and value of milk production, United States, 1970-84

Year	Milk sold to plants and dealers			Cream sold to plants and dealers <sup>1</sup>			Milk sold directly to consumers		
	Quantity	Price per 100 pounds	Cash receipts	Quantity milkfat	Price per pound fat	Cash receipts	Quantity	Price per quart	Cash receipts
	<i>Million pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 quarts</i>	<i>Cents</i>	<i>1,000 dollars</i>
1970 .....	110,089	5.71	6,281,063	42,644	70.0	29,866	798,606	27.0	215,646
1971 .....	112,242	5.87	6,582,995	35,969	69.1	24,859	731,162	27.9	204,223
1972 .....	114,152	6.07	6,926,955	28,737	67.8	19,478	714,841	27.8	198,855
1973 .....	109,948	7.14	7,854,895	24,288	67.3	16,338	706,946	31.0	218,936
1974 .....	110,420	8.33	9,193,111	15,287	63.2	9,669	717,955	34.9	250,867
1975 .....	110,460	8.75	9,664,349	11,437	70.3	8,039	726,837	35.4	257,362
1976 .....	115,479	9.66	11,158,050	8,350	83.4	6,966	703,114	36.4	255,651
1977 .....	118,154	9.72	11,488,120	6,586	92.0	6,058	695,162	36.7	255,314
1978 .....	117,203	10.60	12,400,075	3,679	102.0	3,762	693,210	38.8	268,990
1979 .....	119,379	12.02	14,347,397				692,698	42.3	293,347
1980 .....	124,598	13.05	16,259,004				683,488	45.3	309,484
1981 .....	128,994	13.77	17,764,463				684,744	48.3	330,763
1982 .....	131,859	13.61	17,945,778				597,767	48.1	287,693
1983 .....	136,090	13.58	18,484,507				563,395	48.4	272,423
1984 <sup>2</sup> .....	131,210	13.46	17,661,374				539,674	49.2	265,726

Year	Combined marketings of milk and cream				Used for milk, cream, and butter on farms where produced		Gross farm income from dairy products <sup>5</sup>	Farm value of all milk produced <sup>4 6</sup>		
	Milk utilized	Average returns <sup>3</sup>		Cash receipts from marketings	Milk utilized	Value <sup>4</sup>				
		Per 100 pounds milk	Per pound milk fat							
	<i>Million pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Million pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		
1970 .....	112,999	5.78	1.58	6,526,575	2,306	136,094	6,662,669	6,757,294		
1971 .....	114,814	5.93	1.62	6,812,077	2,117	128,100	6,940,177	7,034,801		
1972 .....	116,487	6.13	1.67	7,145,288	1,914	119,285	7,264,573	7,361,435		
1973 .....	112,141	7.21	1.97	8,090,169	1,766	129,431	8,219,600	8,331,450		
1974 .....	112,385	8.41	2.29	9,453,647	1,643	140,079	9,593,726	9,723,186		
1975 .....	112,337	8.84	2.41	9,929,750	1,495	133,026	10,062,776	10,198,831		
1976 .....	117,221	9.74	2.66	11,420,667	1,392	136,765	11,557,432	11,706,043		
1977 .....	119,831	9.81	2.68	11,749,492	1,283	126,448	11,875,940	12,023,440		
1978 .....	118,795	10.67	2.91	12,672,827	1,168	125,155	12,797,982	12,956,601		
1979 .....	120,869	12.11	3.31	14,640,744	1,040	127,038	14,767,781	14,941,518		
1980 .....	126,067	13.14	3.60	16,568,488	943	124,815	16,693,303	16,875,623		
1981 .....	130,467	13.87	3.81	18,095,225	886	124,050	18,219,275	18,415,052		
1982 .....	133,144	13.69	3.75	18,233,471	839	115,809	18,349,280	18,559,413		
1983 .....	137,301	13.66	3.74	18,756,930	842	115,894	18,872,823	19,081,427		
1984 <sup>2</sup> .....	132,371	13.54	3.70	17,927,099	824	112,581	18,039,680	18,342,809		

<sup>1</sup> After 1978 equivalent amounts of milk included in milk sold to plants and dealers.<sup>2</sup> Preliminary.<sup>3</sup> Cash receipts divided by milk or milkfat represented in combined marketings.<sup>4</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.<sup>5</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter.<sup>6</sup> Includes value of milk fed to calves.

Statistical Reporting Service.



Table 476.—Milk: Supply and

Item	1970	1971	1972	1973
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Milk production .....	117,007	118,566	120,025	115,491
Net imports of ingredients (milk equivalent) <sup>2</sup> .....	502	179	188	819
Net change in storage cream (milk equivalent) <sup>3</sup> .....	29	14	4	3
Total supply .....	117,538	118,759	120,217	116,313
Utilization (milk equivalent):				
Used in manufactured products:				
Creamery butter, total milk equivalent .....	25,593	25,724	24,725	20,663
Milk equivalent of butter from whey cream .....	1,659	1,820	1,981	2,054
Net milk equivalent .....	23,934	23,904	22,744	18,609
Cheese:				
American .....	14,240	15,136	16,422	16,760
Other .....	5,301	5,826	6,433	6,845
Cottage cheese, creamed .....	1,250	1,296	1,321	1,138
Canned milk:				
Evaporated .....	* 2,687	2,702	2,540	2,375
Sweetened condensed .....				
Bulk condensed whole milk:				
Unsweetened .....	468	433	415	381
Sweetened .....	104	104	179	179
Dry whole milk .....	508	535	552	577
Ice cream and other frozen dairy products, total milk equivalent .....	13,025	12,940	12,944	13,130
Milk equivalent of butter and condensed milk used in ice cream .....	1,984	1,967	1,993	2,066
Net milk equivalent .....	11,041	10,973	10,951	11,070
Other manufactured products <sup>5</sup> .....	480	705	762	744
Total manufactured products .....	60,013	61,614	62,319	58,678
Available for use in fluid products:				
Sold by dealers .....	50,281	50,281	51,690	50,893
Sold by producers directly to consumers <sup>6</sup> .....	1,717	1,572	1,537	1,520
Total available for fluid products .....	51,998	51,853	53,227	52,413
Used on farms where produced:				
Fed to calves .....	1,702	1,635	1,624	1,584
Consumed as fluid milk and cream .....	<sup>7</sup> 2,306			
Used for farm-churned butter .....		2,117	1,914	1,766
Total used on farms .....	4,008	3,752	3,538	3,350
Residual <sup>8</sup> .....	1,519	1,540	1,133	1,872
Total utilization .....	117,538	118,759	120,217	116,313

<sup>1</sup> Preliminary.<sup>2</sup> Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and butterfat-sugar mixtures.<sup>3</sup> Whole milk equivalent of net out-of-storage movement of fluid and plastic cream during the year. A negative figure represents a net movement of cream into storage.<sup>4</sup> Total evaporated and sweetened condensed, beginning 1970.<sup>5</sup> Whole milk equivalent of dry cream, malted milk powder, part-skim milk, dry or concentrated ice cream mix, dehydrated butterfat, and other miscellaneous products using milkfat.

## Utilization, United States, 1970-84

1974	1975	1976	1977	1978	1979	1980	1981	1982	1983 <sup>1</sup>	1984 <sup>1</sup>
<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
115,586	115,398	120,180	122,654	121,641	123,350	128,406	132,770	135,505	139,672	135,444
181	181	219	228	232	237	203	192	273	263	220
-33	-17	39	-16	-11	24	-3	11	7	18	-2
115,734	115,562	120,438	122,866	121,862	123,611	128,606	132,973	135,785	139,953	135,662
21,571	21,992	21,947	24,396	22,372	22,191	25,824	27,806	28,352	29,342	24,877
2,237	2,119	2,543	2,543	2,660	2,810	2,998	3,192	3,365	3,554	3,406
19,334	19,873	19,404	21,853	19,712	19,381	22,826	24,614	24,987	25,788	21,471
18,550	16,452	20,581	20,480	20,737	21,856	23,765	26,215	27,540	29,314	26,403
7,119	7,431	8,182	8,385	9,180	9,701	10,160	10,331	11,363	11,692	12,315
1,018	1,028	1,050	1,056	1,056	1,028	1,016	977	950	941	932
2,223	2,020	1,892	1,809	1,725	1,752	1,594	1,669	1,490	1,525	1,419
432	510	435	398	348	381	377	475	543	475	544
160	176	208	182	186	187	147	164	161	173	180
499	464	554	514	549	627	607	686	758	823	880
13,277	14,046	13,722	13,805	13,859	13,767	14,010	14,080	14,268	14,720	14,783
2,089	2,148	2,099	2,098	2,115	2,088	2,084	2,116	2,133	2,122	2,123
11,188	11,898	11,623	11,707	11,744	11,679	11,926	11,964	12,135	12,598	12,660
804	672	744	684	707	912	909	821	656	663	488
61,327	60,524	64,673	67,068	65,944	67,504	73,327	77,916	80,583	83,992	77,292
48,970	49,560	49,990	49,885	49,685	49,884	49,385	48,743	48,061	48,494	49,464
1,544	1,563	1,512	1,495	1,490	1,489	1,470	1,472	1,285	1,211	1,160
50,514	51,123	51,502	51,380	51,175	51,373	50,855	50,215	49,346	49,705	50,624
1,558	1,566	1,567	1,541	1,497	1,442	1,395	1,418	1,521	1,527	2,250
1,643	1,495	1,392	1,283	1,168	1,040	943	886	839	842	824
3,201	3,061	2,959	2,824	2,665	2,483	2,338	2,304	2,361	2,369	3,074
692	854	1,304	1,594	2,078	2,251	2,086	2,538	3,495	3,887	4,672
115,734	115,562	120,438	122,866	121,862	123,611	128,606	132,973	135,785	139,953	135,662

<sup>6</sup> Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.

<sup>7</sup> Includes milk used for farm-churned butter, beginning 1970.

<sup>8</sup> Includes minor miscellaneous uses and any inaccuracies in production and utilization estimates.

Statistical Reporting Service.

**Table 477.—Milk markets under Federal order program: Blend and Class I milk producers, producer deliveries, producer deliveries used in Class I. Class I percentage, markets, 1983 and 1984**

Marketing Area	Average minimum prices per 100 pounds				Average number of producers	
	Blend price <sup>1</sup>		Class I price		1983	1984
	1983	1984	1983	1984		
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Number</i>	<i>Number</i>
Alabama-West Florida <sup>2</sup> .....	14.49	14.28	14.83	14.60	1,019	1,079
Central Arizona <sup>3</sup> .....	13.94	13.79	15.05	14.76	165	163
Central Arkansas-Ft. Smith <sup>4</sup> .....	14.24	13.94	14.47	14.18	908	923
Central Illinois <sup>5</sup> .....	13.41	13.18	13.92	13.63	244	256
Chicago Regional, Ill.-Wis. <sup>6</sup> .....	12.98	12.74	13.80	13.50	18,904	18,940
Eastern Colorado, Col.-Kans. <sup>7</sup> .....	14.21	13.96	14.83	14.54	720	730
Eastern Ohio-Western Pa., Ohio-Pa.-W. Va. <sup>8</sup> .....	13.36	13.23	14.39	14.09	6,322	6,235
Eastern South Dak.-Black Hills <sup>9</sup> .....	13.05	12.82	13.94	13.65	546	487
Georgia <sup>10</sup> .....	14.30	14.25	14.84	14.62	1,694	1,597
Great Basin, Utah-Nev.-Wyo. <sup>11</sup> .....	13.57	13.43	14.43	14.14	634	613
Greater Kansas City, Mo.-Kans. <sup>12</sup> .....	13.29	13.21	14.28	13.98	1,337	1,292
Greater Louisiana <sup>13</sup> .....	14.55	14.34	15.01	14.78	640	564
Indiana <sup>14</sup> .....	13.43	13.27	14.07	13.77	2,781	2,749
Inland Empire, Wash.-Idaho <sup>15</sup> .....	13.45	.....	14.48	.....	319	.....
Iowa, Iowa-Ill. <sup>16</sup> .....	13.08	12.86	13.93	13.64	3,759	3,778
Lake Mead, Nev.-Utah <sup>17</sup> .....	13.78	13.51	14.13	13.84	37	49
Louisville-Lex.-Evans, Ky.-Ind. ....	13.50	13.46	14.24	14.01	2,093	1,872
Lubbock-Plainview, Texas.....	14.56	14.21	14.95	14.67	33	33
Memphis, Tenn.-Miss.-Ark.....	13.94	13.52	14.48	14.19	441	565
Michigan Upper Peninsula, Mich.-Wis. <sup>18</sup> .....	13.12	12.80	13.89	13.60	106	90
Middle Atlantic, Del.-D.C.-Md.-N.J.-Pa.-Va. <sup>19</sup> .....	13.85	13.66	15.32	15.02	7,033	6,891
Nashville, Tenn.-Ky.....	13.55	13.82	14.39	14.12	788	601
Nebraska-Western Iowa, Nebr.-Iowa-S. Dak. <sup>20</sup> .....	13.11	13.03	14.13	13.84	1,931	1,856
New England, Mass.-Conn.-N.H.-R.I.-Vt. <sup>21</sup> .....	14.31	14.09	15.53	15.24	6,836	6,669
New Orleans-Mississippi, La.-Miss. <sup>22</sup> .....	14.46	14.45	15.39	15.15	1,413	1,334
New York-New Jersey <sup>23</sup> .....	13.80	13.58	15.37	15.08	17,434	16,870
Ohio Valley, Ind.-Ky.-Mich.-Ohio-W. Va. <sup>24</sup> .....	13.42	13.24	14.23	13.94	5,405	5,370
Oregon-Washington <sup>25</sup> .....	13.42	13.16	14.48	14.20	949	955
Paducah, Ky.-Mo.....	13.89	13.70	14.23	14.00	164	231
Puget Sound, Wash. <sup>26</sup> .....	13.11	.....	14.38	.....	1,155	.....
Puget Sound-Inland, Wash. Idaho <sup>27</sup> .....	.....	12.93	.....	14.09	.....	1,434
Rio Grande Valley, N. Mex.-Tex.-Colo. <sup>28</sup> .....	14.01	13.67	14.88	14.59	118	120
St. Louis-Ozarks, Mo.-Ill.-Ark. <sup>29</sup> .....	13.24	13.07	14.13	13.84	3,117	3,279
Southeastern Florida <sup>30</sup> .....	15.35	15.11	15.69	15.45	205	230
Southern Illinois <sup>31</sup> .....	13.60	13.45	14.07	13.77	1,299	1,196
Southern Michigan <sup>32</sup> .....	13.20	13.00	14.13	13.85	6,423	6,266
SW. Idaho-Eastern Oregon <sup>33</sup> .....	12.74	12.57	14.03	13.74	366	348
Southwest Plains <sup>34</sup> .....	13.65	13.48	14.52	14.22	2,148	1,940
Tampa Bay, Fla.....	15.10	14.78	15.48	15.25	239	377
Tenn. Val., Tenn.-Va.-W. Va.-Ky.-Ga. <sup>35</sup> .....	13.97	13.94	14.63	14.42	1,743	1,834
Texas <sup>36</sup> .....	14.04	13.90	14.85	14.56	3,320	3,057
Texas Panhandle, Texas-Okla. <sup>37</sup> .....	14.36	13.80	14.78	14.50	92	58
Upper Florida <sup>38</sup> .....	15.08	14.82	15.39	15.15	191	145
Upper Midwest, Minn.-Wis.-N.D.-S.D.-Iowa <sup>39</sup> .....	12.72	12.49	13.65	13.36	15,932	15,750
Western Colorado <sup>40</sup> .....	14.01	13.79	14.53	14.24	54	53

<sup>1</sup> For individual-handler pools, weighted average of blend prices for all handlers. For markets with base-excess plans, weighted average of base and excess prices. <sup>2</sup> Zone 2 (Birmingham). <sup>3</sup> Phoenix. <sup>4</sup> Little Rock. Note: Price data are for Central Arkansas. Other data are a combination of Central Arkansas and Fort Smith. <sup>5</sup> Peoria.

<sup>6</sup> Zone 1 (Chicago). Class I and blend price at Milwaukee (Zone 4) 9 cents less. <sup>7</sup> Denver. <sup>8</sup> Zone 1 (Erie, Pennsylvania). Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus ten cents.

<sup>9</sup> Sioux Falls. Note: Price data are for Eastern South Dakota. Other data are a combination of Eastern South Dakota and Black Hills. <sup>10</sup> Atlanta. <sup>11</sup> Salt Lake City, Utah. <sup>12</sup> Kansas City and Topeka. <sup>13</sup> Monroe and Shreveport. <sup>14</sup> Indianapolis. <sup>15</sup> Spokane, Washington For 1984, see 27. <sup>16</sup> Zone 1 (Des Moines). <sup>17</sup> Las Vegas, Nevada. <sup>18</sup> Zone II (Marquette). <sup>19</sup> Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential applicable to milk delivered to Philadelphia. <sup>20</sup> Zone I (Omaha).

Agricultural Marketing Service. Compiled from reports of market administrators.

prices at 3.5 percent fat test, f.o.b. city plants, unless indicated otherwise, number of average daily deliveries per producer, and average fat test of milk delivered by,

Producer deliveries		Producer deliveries used in Class I		Class I utilization percentage		Daily deliveries per producer		Average fat test	
1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Percent</i>
1,008	980	850	847	84	86	2,732	2,503	3.63	3.64
1,203	1,191	666	722	55	61	20,588	20,455	3.62	3.61
474	475	413	414	87	87	1,978	1,777	3.51	3.53
134	133	83	85	62	64	1,502	1,420	3.79	3.77
13,522	13,390	2,883	2,868	21	21	1,960	1,932	3.72	3.73
930	907	644	646	69	71	3,543	3,404	3.60	3.62
3,750	3,669	1,954	2,019	52	55	1,625	1,608	3.69	3.70
417	348	153	136	37	39	2,090	1,953	3.66	3.67
1,981	1,687	1,490	1,404	75	83	3,205	2,897	3.64	3.64
948	878	493	522	52	59	4,094	3,919	3.49	3.54
964	832	452	446	47	54	1,983	1,762	3.64	3.67
546	507	447	420	82	83	2,369	2,473	3.59	3.58
1,809	1,746	1,143	1,156	63	66	1,788	1,735	3.74	3.75
495		208		42		4,253		3.61	
2,509	2,403	735	764	29	32	1,836	1,747	3.71	3.72
163	168	114	120	70	72	15,196	12,607	3.37	3.42
1,168	960	661	656	57	68	1,531	1,402	3.71	3.69
75	80	62	65	83	81	7,831	8,034	3.63	3.66
249	347	178	227	72	66	2,607	2,202	3.66	3.62
45	37	22	17	49	46	1,156	1,116	3.65	3.63
6,140	5,850	2,884	2,895	47	50	2,392	2,319	3.66	3.67
533	281	281	229	53	81	1,862	1,312	3.67	3.68
1,467	1,296	558	593	38	46	2,093	1,926	3.68	3.74
5,483	5,252	2,788	2,786	51	53	2,197	2,152	3.68	3.72
1,077	977	684	715	64	73	2,084	1,993	3.59	3.59
11,643	11,357	4,459	4,534	38	40	1,829	1,839	3.62	3.65
3,380	3,186	1,740	1,763	52	55	1,714	1,621	3.70	3.71
1,753	1,766	811	822	46	46	5,058	5,049	3.73	3.73
115	126	91	102	79	81	1,954	1,506	3.78	3.75
	2,796		937		34		5,328		3.65
2,304		716		31		5,464		3.65	
594	611	365	364	62	60	15,431	17,053	3.54	3.55
2,190	2,092	1,107	1,112	50	53	1,926	1,748	3.64	3.67
800	743	700	667	88	90	11,742	9,012	3.55	3.49
862	757	534	548	62	72	1,817	1,731	3.71	3.73
4,936	4,755	2,009	2,021	41	42	2,106	2,074	3.67	3.69
658	592	105	106	16	18	4,925	4,643	3.61	3.65
1,613	1,477	831	837	52	57	2,324	2,145	3.61	3.64
989	1,160	845	1,001	85	86	11,017	8,080	3.54	3.53
1,335	1,250	896	956	67	76	2,101	1,869	3.69	3.69
4,525	4,229	2,891	2,958	64	70	3,734	3,780	3.57	3.56
98	124	79	85	80	69	7,142	11,212	3.63	3.58
615	448	544	403	88	90	8,634	7,681	3.56	3.49
10,146	9,709	1,444	1,467	14	15	1,746	1,689	3.69	3.70
110	107	79	81	72	75	5,811	5,696	3.51	3.61

<sup>21</sup> Zone I (Boston). Price at 201-210 mile zone: Class I and blend are 72 cents less. Class I and blend prices at Hartford are 10 cents less. <sup>22</sup> Zone I (New Orleans). <sup>23</sup> New York metropolitan area. Prices at 201-210 mile zone: Class I and blend 59 cents less. <sup>24</sup> Central zone (Cincinnati and Columbus). <sup>25</sup> Portland. <sup>26</sup> District 1 (Seattle). For 1984, see 27. <sup>27</sup> Zone I (Seattle). New marketing area, effective 1-1-84, resulting from the merger and expansion of the Inland Empire and Puget Sound marketing areas. <sup>28</sup> Albuquerque, Santa Fe, and El Paso. <sup>29</sup> Zone I (St. Louis and Springfield). <sup>30</sup> Miami. <sup>31</sup> Base zone (Alton). Class I and blend price at Carbondale (Southeastern zone) seven cents more. <sup>32</sup> Zone 1, Detroit. Price excludes direct delivery differential applicable to milk delivered to Detroit of 10 cents. <sup>33</sup> Boise, Idaho. <sup>34</sup> Zone 1 (Oklahoma City). <sup>35</sup> Bristol, Chattanooga, and Knoxville. <sup>36</sup> Zone I (Dallas). Class I price at Houston plus 36 cents. <sup>37</sup> Amarillo. <sup>38</sup> Jacksonville and Tallahassee. <sup>39</sup> Zone I (Minneapolis). <sup>40</sup> Grand Junction.





Oregon-Washington.....	273,071	265,284	3.34	3.34	548,100	573,681	1.77	1.76	821,171	838,964	2.29	2.26
Pacutah, Ky.-Mo.....	55,954	51,570	3.18	3.23	36,702	37,862	1.61	1.59	92,656	89,432	2.58	2.51
Puget Sound, Wash.....	242,155	292,754	3.32	3.33	422,191	586,797	1.82	1.80	664,346	879,551	2.37	2.31
Puget Sound, Inland, Wash, Idaho <sup>1</sup>	301,120	309,796	3.35	3.35	92,877	99,605	1.52	1.52	383,997	409,401	2.92	2.91
Platte Valley, N. Mex., Texas-Colo	284,531	273,703	3.24	3.26	360,410	370,277	1.63	1.62	644,940	643,979	2.34	2.32
St. Louis-Osage, Mo.-Ill.-Ark	534,592	538,442	3.32	3.30	237,594	247,688	1.31	1.31	772,186	786,130	2.70	2.67
Southeastern Florida.....	186,889	175,702	3.24	3.25	288,066	294,913	1.80	1.79	474,955	470,615	2.37	2.33
Southern Illinois.....	1,069,587	1,023,641	3.24	3.25	829,148	888,549	1.22	1.29	1,898,734	1,912,190	2.36	2.34
Southern Michigan.....	45,576	47,206	3.28	3.30	87,321	90,308	1.81	1.78	133,397	137,514	2.31	2.30
South Western Idaho-Eastern Oregon	654,488	640,651	3.28	3.30	314,596	340,180	1.52	1.53	969,084	980,831	2.71	2.68
Southwest Plains, Okla., Kans., Mo.	408,041	407,610	3.27	3.29	229,922	260,015	1.09	1.12	637,964	667,625	2.48	2.45
Tampa Bay, Fla.....	364,397	356,809	3.28	3.28	348,862	357,941	1.53	1.52	713,259	714,749	2.42	2.40
Tenn. Val.-Ky.-Va.-W. Va. Ga.	2,030,341	2,036,829	3.32	3.33	734,629	801,251	1.31	1.35	2,764,969	2,838,080	2.79	2.77
Texas.....	63,512	61,893	3.36	3.34	17,400	18,048	1.51	1.61	80,912	79,941	2.96	2.95
Texas Panhandle, Texas-Okla.....	465,595	473,450	3.29	3.29	233,775	258,854	1.12	1.13	699,369	732,304	2.57	2.53
Upper Florida.....	258,273	245,123	3.27	3.27	1,081,631	1,108,047	1.51	1.51	1,339,904	1,353,171	1.85	1.83
Upper Midwest, Minn.-Wis.-N.D.-S.D.-	27,865	33,169	3.21	3.21	26,896	26,608	1.64	1.72	54,761	59,777	2.44	2.55
Iowa.....												
Western Colorado.....												

<sup>1</sup> In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales outside of handlers' areas may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated. <sup>2</sup> Plain flavored, and miscellaneous whole milk products. <sup>3</sup> Plain fortified and flavored skim and lowfat milk, buttermilk, and miscellaneous skim and lowfat milk products. <sup>4</sup> For 1984, see <sup>5</sup> New marketing area, effective 1-1-84, resulting from merger and expansion of the Inland Empire and Puget Sound marketing areas. Agricultural Marketing Service.

Table 479.—Federal Milk Order Markets: Measures of growth, 1970–84

Year	Markets <sup>1</sup>	Population of Federal milk marketing areas <sup>2</sup>	Handlers <sup>1</sup>	Producers <sup>2</sup>	Producer deliveries	Producer deliveries used in Class I	Percentage of producer deliveries used in Class I
	<i>Number</i>	<i>Thousands</i>	<i>Number</i>	<i>Number</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Percent</i>
1970.....	62	125,721	1,588	143,411	65,104	40,063	61.5
1971.....	62	142,934	1,529	141,347	67,872	40,268	59.3
1972.....	62	142,934	1,487	136,883	68,719	40,938	59.6
1973.....	61	141,472	1,355	131,565	66,229	40,519	61.2
1974.....	61	141,546	1,312	126,805	67,778	39,293	58.0
1975.....	56	144,467	1,315	123,855	69,149	40,106	57.9
1976.....	50	149,493	1,305	122,675	74,586	40,985	54.9
1977.....	47	150,093	1,260	122,755	77,947	41,125	52.8
1978.....	57	150,131	1,189	119,326	78,091	41,143	52.7
1979.....	47	150,131	1,127	116,447	79,436	41,011	51.6
1980.....	47	164,908	1,091	117,490	83,998	41,034	48.9
1981.....	48	165,459	1,058	119,323	87,989	40,746	46.3
1982.....	49	169,770	1,010	120,743	91,611	40,807	44.5
1983.....	46	170,882	958	121,052	95,757	41,091	42.9
1984.....	45	171,044	912	118,880	91,679	41,516	45.3

  

Year	Prices at 3.5 percent butterfat content per hundredweight <sup>4</sup>		Receipts as percentage of milk sold to plants and dealers		Daily deliveries per producer	Gross value of blend price adjusted for butterfat content	
	Class I	Blend	Fluid grade	All milk		Per producer	All producers
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	6.74	5.95	79	59	1,244	27,636	3,963,311
1971.....	6.90	6.08	80	60	1,316	29,893	4,225,340
1972.....	7.10	6.31	78	60	1,372	32,439	4,440,288
1973.....	8.03	7.31	78	60	1,386	37,461	4,928,514
1974.....	9.35	8.36	78	61	1,464	45,376	5,753,852
1975.....	9.36	8.64	78	63	1,532	49,233	6,097,768
1976.....	10.70	9.75	80	65	1,661	60,277	7,394,486
1977.....	10.59	9.69	80	66	1,740	62,692	7,695,764
1978.....	11.40	10.57	80	67	1,793	70,528	8,415,787
1979.....	12.88	11.97	80	66	1,870	83,262	9,695,637
1980.....	13.77	12.86	80	67	1,954	93,685	11,007,001
1981.....	14.69	13.63	80	68	2,021	102,354	12,213,199
1982.....	14.63	13.53	81	69	2,079	104,591	12,628,576
1983.....	14.69	13.53	82	70	2,168	109,142	13,211,805
1984.....	14.41	13.33	82	70	2,108	105,073	12,491,133

<sup>1</sup> End of year. (Date on which pricing provisions became effective.) <sup>2</sup> End of year. Data for 1970, 1971–79, and 1980–84 (according to the 1960, 1970 and 1980 U.S. Census of Population, respectively.) <sup>3</sup> Average for year. <sup>4</sup> Weighted averages.

Agricultural Marketing Service.

**Table 480.—Milk cows, milk, and fat in cream: Average prices received by farmers, United States, 1970-84**

Year	Milk cows, per head <sup>1</sup>	Milk per 100 pounds <sup>2</sup>						Milkfat in cream, per pound <sup>4</sup>
		Eligible for fluid market <sup>3</sup>		Of manufacturing grade		All milk wholesale		
		Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Cents</i>
1970.....	332.00	6.05	3.67	4.70	3.65	5.71	3.66	70.0
1971.....	358.00	6.19	3.67	4.86	3.65	5.87	3.66	69.1
1972.....	397.00	6.38	3.68	5.08	3.66	6.07	3.68	67.5
1973.....	496.00	7.42	3.66	6.20	3.65	7.14	3.66	67.2
1974.....	500.00	8.66	3.67	7.13	3.66	8.33	3.67	63.5
1975.....	412.00	9.02	3.67	7.63	3.66	8.75	3.67	71.0
1976.....	477.00	9.93	3.67	8.56	3.65	9.66	3.66	83.4
1977.....	504.00	9.96	3.65	8.70	3.66	9.72	3.65	92.0
1978.....	675.00	10.80	3.66	9.65	3.67	10.60	3.67	102.0
1979.....	1,040.00	12.20	3.65	11.10	3.68	12.00	3.66	119.0
1980.....	1,190.00	13.20	3.65	12.00	3.67	13.00	3.65	( <sup>5</sup> )
1981.....	1,200.00	14.00	3.64	12.70	3.66	13.80	3.64	( <sup>5</sup> )
1982.....	1,110.00	13.80	3.65	12.60	3.68	13.60	3.65	( <sup>5</sup> )
1983.....	1,030.00	13.70	3.65	12.60	3.67	13.60	3.65	( <sup>5</sup> )
1984.....	895.00	13.60	3.66	12.50	3.69	13.50	3.66	( <sup>5</sup> )

Year	Prices paid by plants for manufacturing grade milk of average fat test for specific purposes <sup>6</sup>							
	Milk for evaporated milk <sup>7</sup>		Milk for butter and byproducts		Milk for cheese			
					American cheese		All cheese	
	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test
	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>
1970.....	4.52	3.80	4.62	3.61	4.76	3.68	4.80	3.68
1971.....	4.68	3.79	4.82	3.61	4.89	3.68	4.92	3.67
1972.....	4.76	3.72	5.00	3.63	5.15	3.68	5.18	3.67
1973.....	5.64	3.67	6.10	3.61	6.33	3.67	6.35	3.66
1974.....	7.13	3.64	7.00	3.63	7.16	3.67	7.19	3.67
1975.....	7.40	3.62	7.60	3.65	7.70	3.68	7.75	3.68
1976.....	8.32	3.63	8.39	3.60	8.60	3.65	8.65	3.66
1977.....	8.45	3.60	8.58	3.60	8.73	3.66	8.77	3.67
1978.....	9.22	3.60	9.54	3.63	9.71	3.68	9.76	3.68
1979.....	10.64	3.57	10.84	3.65	11.09	3.69	11.14	3.69
1980.....	11.49	3.56	11.95	3.64	12.04	3.68	12.08	3.68
1981 <sup>8</sup> .....	12.29	3.59	12.64	3.62	12.74	3.67	12.78	3.67

<sup>1</sup> Simple average of monthly prices, by States, weighted by the number of milk cows on farms Jan. 1 of the current year.

<sup>2</sup> Average price at average fat test for all milk sold at wholesale to plants and dealers, based on reports from milk-market administrators, cooperative milk-market associations, whole-milk distributors, and milk-products manufacturing plants, f.o.b. plant or receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums.

<sup>3</sup> Milk eligible for fluid market, including surplus diverted to manufacturing.

<sup>4</sup> Weighted average of monthly prices, by States, weighted by the estimated quantity of fat sold.

<sup>5</sup> Estimate discontinued.

<sup>6</sup> Monthly average prices and tests weighted by estimated production in each month. Price f.o.b. factory or local receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums.

<sup>7</sup> Includes milk for canned condensed milk.

<sup>8</sup> Data not available after 1981.

Statistical Reporting Service.



Table 481.—Dairy products: Factory production of specified items, by States, 1982–84

State	Butter			Total American cheese <sup>2</sup>			Total cheese <sup>3</sup>		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Ala.....									
Ariz.....									
Ark.....							25,834	29,706	20,403
Calif.....	202,729	190,785	192,213	97,745	109,815	109,009	250,261	282,256	304,835
Colo.....	3,785								
Conn.....									4,964
Del.....									
Fla.....									
Ga.....									
Idaho.....	14,366	18,093	10,936	103,811	107,266	102,858	135,766	136,402	131,861
Ill.....				2,411			97,295	103,987	100,701
Ind.....	17,213	21,779	15,544	62,177	61,178	44,767	63,962	64,630	46,102
Iowa.....	24,030	19,663	11,044	97,054	107,127	105,496	206,449	220,497	218,501
Kans.....	14,897	18,826	9502	27,429	32,117	24,371	33,829	37,626	30,669
Ky.....				40,713	37,993	24,416	56,888	54,977	41,464
La.....									
Maine.....			142						
Md.....									
Mass.....							9,110	12,643	
Mich.....	55,054	58,505	43,568	21,608	21,237	15,523	35,774	37,836	40,322
Minn.....	179,226	177,574	148,681	501,619	529,203	494,964	567,430	587,544	560,858
Miss.....				10,894	12,843	10,375	11,098	13,047	10,579
Mo.....	33,288	32,512	22,358	64,738	71,265	56,773	131,452	138,322	133,648
Mont.....	2,191	1,907	1,768						
Nebr.....		29,742	29,104	21,719	23,695	20,585	76,351	78,908	71,462
Nev.....									
N.H.....									
N.J.....							66,326	47,803	42,063
N. Mex.....									
N.Y.....	42,883	50,038	39,001	77,310	83,670	76,128	357,909	398,271	423,486
N.C.....									
N. Dak.....	5,254	5,005	4,893	49,859	55,553	52,418	49,859	55,553	52,418
Ohio.....	33,586	33,271	16,768	37,922	40,983	35,921	94,063	98,230	97,432
Okla.....	11,722	13,648							
Oreg.....	17,523	15,126	13,311	34,518	30,966	30,028	34,771	31,195	30,241
Pa.....	66,310	72,276	63,152				127,155	147,463	147,441
R.I.....									
S.C.....									
S. Dak.....	7,864	8,337	3,782	63,812	84,904	93,248	92,083	116,795	125,926
Tenn.....	27,329	28,463		19,274	21,696		34,475	34,163	23,825
Tex.....									
Utah.....	7,870	7,616	6,369	70,121	62,596	52,801	93,389	88,359	76,666
Vt.....				30,537	28,612	25,821	96,913	94,363	92,708
Va.....				2,208	3,075	4,492	5,957	7,224	5,302
Wash.....	56,282	64,695	70,892	35,450	42,221	28,087	49,706	60,011	47,205
W. Va.....									
Wis.....	288,598	304,672	273,002	1,111,333	1,158,909	1,063,716	1,644,529	1,728,332	1,698,150
U.S.....	1,256,964	1,299,247	1,103,316	2,752,298	2,927,716	2,648,250	4,541,669	4,819,471	4,673,784

See footnotes at end of table.

Table 481—Dairy products: Factory production of specified items, by States, 1982-84—Continued

State	Evaporated and sweetened condensed whole milk (case goods) <sup>5</sup>			Nonfat dry milk for human food			Total ice cream		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
Ala.....							14,095	15,988	17,115
Ariz.....							6,196	6,441	6,565
Ark.....							5,941	5,824	6,145
Calif.....				279,598	269,475	271,838	95,523	101,070	106,689
Colo.....							9,996	10,120	9,592
Conn.....									
Del.....									
Fla.....							33,577	34,002	34,924
Ga.....							7,598	8,215	8,143
Idaho.....				27,689	32,772	21,159	3,840	4,267	4,751
Ill.....							35,206	36,684	32,860
Ind.....							23,937	25,734	27,332
Iowa.....				94,272	89,987	75,558	15,562	16,694	18,747
Kans.....							7,804	8,217	8,173
Ky.....									
La.....							7,993	8,267	9,779
Maine.....									
Md.....							13,405	13,346	13,764
Mass.....							44,444	44,510	46,862
Mich.....				97,066	106,429	102,809	33,475	34,275	31,398
Minn.....				187,941	203,895	159,365	35,137	37,422	37,342
Miss.....							4,649	4,000	4,444
Mo.....							18,217	19,436	20,657
Mont.....							1,833	1,931	1,984
Nebr.....							9,402	7,508	7,502
Nev.....									
N.H.....							826		
N.J.....							20,192	24,474	26,298
N. Mex.....							3,580		
N.Y.....				48,473	82,811	48,252	62,326	49,847	46,466
N.C.....							30,349	31,037	28,773
N. Dak.....				8,234	8,421	5,502	2,225	2,269	2,233
Ohio.....	104,080	99,379	74,642	39,878	56,268	28,551	46,669	46,623	47,268
Okl.....							9,619	9,945	11,092
Oreg.....							9,050	8,833	9,253
Pa.....				55,461	62,234	36,524	72,969	77,053	80,250
R.I.....									
S.C.....							8,653	10,170	11,428
S. Dak.....				38,554				49	
Tenn.....							19,053	18,633	19,135
Tex.....							50,138	57,256	44,898
Utah.....				3,809			8,428	8,872	8,108
Vt.....							375	462	
Va.....							9,156	12,685	12,880
Wash.....							15,518	16,224	17,500
W. Va.....							2,692	2,769	2,793
Wis.....				134,730	129,157	101,997	20,828	20,941	22,231
U.S.....	734,921	694,185	647,663	1,400,455	1,499,902	1,158,919	852,072	881,543	883,525

<sup>1</sup> Preliminary.<sup>2</sup> Includes colby, washed curd, high and low moisture jack, Monterey, and granular cheese.<sup>3</sup> Includes full-skim American cheese; excludes cottage cheese.<sup>4</sup> Includes data for individual States which have less than 3 plants and are not shown separately.<sup>5</sup> Combined to avoid disclosure of individual operations.

Statistical Reporting Service.

Table 482.—Dairy products: Quantities manufactured, United States, 1977–84

Product	1977	1978	1979	1980	1981	1982	1983 <sup>1</sup>	1984 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Creamery butter .....	1,085,595	994,290	984,604	1,145,254	1,228,190	1,256,964	1,299,247	1,103,316
American cheese:								
Whole milk .....	2,043,063	2,074,202	2,189,899	2,375,756	2,642,263	2,752,298	2,927,716	2,648,250
Part skim .....	4,110	4,866	4,395	5,381	5,860	6,928	4,115	2,711
Swiss cheese (including block) .....	189,259	209,362	213,283	218,940	214,410	221,085	209,467	207,958
Munster cheese .....	55,419	59,313	68,611	69,982	67,359	71,681	69,599	76,046
Brick cheese .....	15,887	16,883	14,385	15,373	13,878	14,251	14,157	16,032
Limburger cheese .....	1,723	1,606	1,562	1,564	1,248	1,456	1,149	1,225
Cream and Neufchatel cheese .....	176,421	198,255	212,292	228,587	241,335	262,780	269,993	276,466
Blue cheese .....	34,776	35,347	34,628	33,043	30,214	31,013	31,496	34,115
All Italian varieties of cheese .....	793,489	875,656	929,090	982,731	994,398	1,087,781	1,200,204	1,318,816
All other varieties of cheese <sup>2</sup> .....	44,388	44,194	54,096	52,909	66,596	92,396	90,572	92,165
Total of all cheese <sup>2</sup> .....	3,358,535	3,519,684	3,717,241	3,984,266	4,277,561	4,541,669	4,819,471	4,673,784
Cottage cheese:								
Curd <sup>3</sup> .....	684,481	688,399	668,546	667,433	647,541	628,949	618,162	603,495
Creamed <sup>3</sup> .....	877,978	870,529	839,735	824,546	773,321	748,869	742,506	734,012
Lowfat <sup>3</sup> .....	139,007	153,139	150,383	179,836	208,333	217,572	215,941	227,579
Sweetened condensed milk:								
Bulk goods:								
Skimmed .....	63,738	44,634	46,527	45,681	46,007	49,148	51,394	51,343
Unskimmed .....	78,240	80,678	81,283	63,763	70,351	69,639	74,704	77,980
Unsweetened condensed milk (plain, condensed):								
Bulk goods:								
Skimmed .....	782,555	717,209	689,200	685,881	659,641	632,133	664,109	803,641
Unskimmed .....	166,113	144,742	157,880	156,406	195,619	223,889	193,348	226,354
Evaporated and condensed milk:								
Case goods:								
Skimmed .....	8,097	10,407	14,175	15,793	20,490	19,531	16,038	18,035
Unskimmed .....	818,927	787,866	796,076	724,665	757,919	734,921	694,185	647,663
Condensed or evaporated buttermilk .....	30,344	39,500	40,889	40,016	41,159	50,869	51,011	37,899
Dry buttermilk .....	53,231	47,613	44,671	43,875	43,814	38,632	46,497	39,546
Dry whole milk .....	69,379	74,617	85,320	82,712	92,724	102,226	111,209	119,622
Nonfat dry milk .....	1,106,619	920,422	908,713	1,160,691	1,314,270	1,400,455	1,499,902	1,158,919
Dry skim milk (animal feed) .....	7,884	6,488	6,129	6,944	7,846	9,731	10,324	7,794
Dry whey .....	627,803	711,490	732,941	689,718	778,720	790,502	892,164	897,946
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Ice cream .....	809,849	815,360	811,079	829,798	832,450	852,072	881,543	883,525
Sherbet (does not include water ices) .....	49,783	48,034	45,124	45,187	45,732	45,575	47,732	47,292
Ice milk <sup>4</sup> .....	307,949	310,063	296,653	293,384	290,992	280,559	294,913	299,624

<sup>1</sup> Preliminary.<sup>2</sup> Includes full-skim American cheese beginning 1974.<sup>3</sup> Cottage cheese curd includes pot and bakers' cheese. Creamed cottage cheese contains not less than 4 percent milkfat. Lowfat cottage cheese contains less than 4 percent milkfat and has not been legal in interstate commerce, but beginning 1972, is legal under Federal standards if its content of milkfat is not less than 0.5 percent and not more than 2.0 percent by weight.<sup>4</sup> Includes freezer-made milkshake in most States.

Statistical Reporting Service.

**Table 483.—Mellorine-type frozen desserts: Production by States, United States totals, 1970-84**

Year	Ala- bama	Arizo- na	Arkan- sas	Califor- nia	Illinoi- s	Louisi- ana	Mis- sou- ri	Mon- tana	Okla- homa	Or- egon	Texas	United States <sup>1</sup>
	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>
1970.....	55	870	1,370	13,076	4,150	984	2,318	.....	1,940	1,055	22,793	51,878
1971.....	.....	671	1,264	11,668	3,947	572	2,060	.....	1,829	1,137	21,994	48,378
1972.....	.....	574	1,050	10,971	3,790	511	1,899	.....	1,719	927	20,660	45,447
1973.....	.....	527	903	9,759	3,226	345	1,522	.....	1,380	766	18,813	39,775
1974.....	.....	526	922	8,295	1,915	336	1,377	.....	1,198	532	17,008	34,605
1975.....	.....	546	713	6,747	1,402	217	993	.....	1,037	532	15,833	30,038
1976.....	.....	437	656	5,258	1,140	112	889	.....	657	402	11,507	23,284
1977.....	.....	393	571	4,077	1,004	116	752	.....	536	295	9,100	18,795
1978.....	.....	.....	468	3,421	954	32	527	.....	456	261	7,949	16,264
1979.....	.....	.....	413	2,725	.....	.....	519	58	375	230	6,913	15,674
1980.....	.....	.....	393	2,263	1,070	.....	487	.....	241	203	6,052	13,190
1981.....	.....	.....	378	1,744	857	4	479	.....	204	190	5,642	11,191
1982.....	.....	.....	399	1,146	812	.....	495	.....	196	.....	5,120	10,130
1983.....	147	.....	310	807	639	.....	170	.....	167	.....	5,473	10,086
1984 <sup>2</sup> .....	.....	.....	621	665	716	.....	.....	.....	138	.....	3,353	8,236

<sup>1</sup> Includes several minor producing States which are not shown separately.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 484.—Dairy products: Manufacturers' average selling price of specified products, United States, 1970-84**

Year	Unsweetened evaporated milk, per case of 48 14½- ounce cans, f.o.b. factory	Nonfat dry milk for human food, per pound, f.o.b. factory	Dry skim milk for animal feed, per pound, f.o.b. factory	Dry whole milk, per pound, f.o.b. factory <sup>1</sup>
	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1970.....	7.98	26.30	16.30	45.76
1971.....	6.95-9.24	30.72	20.67	46.47
1972.....	7.52-9.31	32.70	25.41	48.36
1973.....	8.10-9.26	45.79	34.51	57.95
1974.....	10.18-12.75	58.37	37.74	66.08
1975.....	10.98-14.15	62.13	37.93	71.30
1976.....	11.88-14.77	63.30	34.60	79.24
1977.....	12.05-15.62	66.65	32.02	80.69
1978.....	( <sup>2</sup> )	71.01	33.14	89.63
1979.....	.....	79.94	35.63	101.58
1980.....	.....	88.58	40.31	110.97
1981.....	.....	93.92	43.66	118.53
1982.....	.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
1983.....	.....	93.84	39.91	119.65
1984.....	.....	91.17	40.46	118.38

<sup>1</sup> Includes milk sold in bulk and in package.<sup>2</sup> Estimate discontinued.<sup>3</sup> Data not available for 1982.

Statistical Reporting Service.



**Table 485.—Dairy products: Manufacturers' stocks, end of month, United States, 1983 and 1984**

Month	Evaporated and sweetened condensed whole milk (case goods)		Dry whole milk		Nonfat dry milk (human food)	
			1983	1984	1983	1984
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	51,392	47,136	5,006	5,729	84,386	65,994
February.....	51,369	50,008	3,836	5,394	92,491	62,837
March.....	48,369	52,818	5,038	5,788	81,448	58,903
April.....	60,663	60,654	5,020	5,175	89,511	67,040
May.....	74,636	78,562	5,350	6,279	98,985	74,561
June.....	75,747	89,660	5,793	8,634	91,711	74,515
July.....	94,012	96,626	5,909	8,751	99,218	72,880
August.....	101,479	102,212	4,927	7,878	85,782	58,356
September.....	94,136	102,860	4,371	7,108	69,692	52,669
October.....	82,004	88,746	4,446	6,602	67,899	42,866
November.....	55,958	54,293	4,642	4,887	63,107	38,313
December.....	46,658	41,685	6,411	5,434	74,601	61,063

Statistical Reporting Service.

**Table 486.—Dairy products: Cold-storage holdings, first of month, United States, 1983 and 1984**

Month	Creamery butter		American cheese		Swiss cheese		Total natural cheese <sup>1</sup>	
	1983	1984	1983	1984	1983	1984	1983	1984
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	485,445	510,638	930,344	1,096,809	12,136	10,918	1,032,215	1,200,523
February.....	522,033	532,499	985,081	1,116,414	13,859	9,945	1,088,186	1,219,808
March.....	529,050	529,332	1,017,960	1,117,272	13,108	10,638	1,117,892	1,217,438
April.....	555,716	532,356	1,031,807	1,081,463	13,114	12,193	1,132,326	1,182,416
May.....	576,078	538,489	1,032,939	1,103,434	12,923	12,015	1,138,101	1,207,993
June.....	589,648	516,713	1,048,932	1,089,067	13,453	11,906	1,162,441	1,193,359
July.....	588,398	489,595	1,082,983	1,078,313	13,544	12,636	1,194,234	1,185,515
August.....	581,818	462,716	1,123,968	1,045,134	14,118	12,771	1,231,396	1,147,647
September.....	552,263	426,315	1,140,872	1,018,039	13,851	13,448	1,248,245	1,115,000
October.....	523,927	374,276	1,131,071	979,764	13,914	12,787	1,234,850	1,078,411
November.....	506,710	335,896	1,110,607	945,800	13,002	11,941	1,214,800	1,044,222
December.....	499,372	296,550	1,099,675	884,827	12,328	12,061	1,204,554	986,221

<sup>1</sup> Includes American, Swiss, and other types of natural cheese.

Statistical Reporting Service.

Table 487.—Dairy products: Dec. 31 stocks, United States, 1970-84

Year	Butter <sup>1</sup>	Cheese <sup>1 2</sup>	Evaporated milk (case goods) <sup>3</sup>	Condensed milk (case goods) <sup>4</sup>	Dry whole milk	Nonfat dry milk for human consumption <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1970.....	118,772	324,500	<sup>5</sup> 115,823		4,706	137,915
1971.....	96,847	307,142	88,815		4,025	89,531
1972.....	107,470	331,444	80,480		3,351	44,857
1973.....	46,379	357,808	69,217		5,377	74,585
1974.....	49,227	493,973	79,199		6,419	293,203
1975.....	10,856	368,579	58,617		5,636	468,943
1976.....	47,058	478,465	70,677		9,085	485,396
1977.....	184,907	486,031	75,164		5,972	677,886
1978.....	206,930	457,261	70,300		4,383	585,091
1979.....	177,760	512,221	76,955		4,312	485,242
1980.....	304,646	690,730	53,009		5,268	586,770
1981.....	429,184	975,762	46,808		5,953	889,699
1982.....	466,822	1,064,224	52,878		6,024	1,281,967
1983.....	499,372	1,266,388	47,656		6,411	1,394,945
1984 <sup>6</sup> .....	296,550	1,061,881	41,952		5,434	1,231,703

<sup>1</sup> Includes Government holdings.<sup>2</sup> Excludes cottage and full-skim American cheese. Includes process American cheese held by CCC.<sup>3</sup> Includes stock held by CCC.<sup>4</sup> Sweetened condensed milk, unskimmed.<sup>5</sup> Total canned milk; data no longer shown separately.<sup>6</sup> Preliminary.

Economic Research Service.

Table 488.—Fluid milk and cream: Total disappearance, and total and per capita civilian consumption, United States, 1970-84 <sup>1</sup>

Year	Total disappearance	Civilian consumption		Year	Total disappearance	Civilian consumption		Year	Total disappearance	Civilian consumption	
		Total	Per capita			Total	Per capita			Total	Per capita
	<i>Billion pounds</i>	<i>Billion pounds</i>	<i>Pounds</i>		<i>Billion pounds</i>	<i>Billion pounds</i>	<i>Pounds</i>		<i>Billion pounds</i>	<i>Billion pounds</i>	<i>Pounds</i>
1970.....	54.2	53.1	263	1975.....	52.6	52.0	243	1980.....	51.8	51.2	227
1971.....	54.0	53.0	259	1976.....	52.9	52.3	242	1981.....	51.1	50.5	222
1972.....	55.2	54.3	262	1977.....	52.7	52.1	239	1982.....	50.2	49.6	216
1973.....	54.2	53.4	255	1978.....	52.4	51.7	235	1983.....	50.6	49.9	215
1974.....	52.2	51.5	243	1979.....	52.5	51.8	232	1984 <sup>2</sup> ...	51.5	50.8	217

<sup>1</sup> Milk equivalent of fluid items—whole milk, low-fat fluid items, and cream—at the average annual fat test of milk produced. Civilian consumption is total consumption less military takings. Per capita consumption is based on the number of persons eating from civilian supplies.<sup>2</sup> Preliminary.

Economic Research Service.

**Table 489.—Dairy products: Total disappearance, and total and per capita civilian consumption, United States, 1970-84 <sup>1</sup>**

Year	Butter <sup>2</sup>			Cheese <sup>3</sup>			Condensed and evaporated milk <sup>4</sup>		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1970 .....	1,115	1,061	5.3	2,355	2,317	11.5	1,551	1,432	7.1
1971 .....	1,171	1,040	5.1	2,527	2,486	12.1	1,522	1,393	6.8
1972 .....	1,094	1,017	4.9	2,759	2,719	13.1	1,445	1,313	6.3
1973 .....	1,025	999	4.8	2,888	2,849	13.6	1,353	1,248	5.9
1974 .....	972	956	4.5	3,117	3,071	14.6	1,278	1,175	5.6
1975 .....	1,024	1,012	4.7	3,115	3,072	14.3	1,239	1,118	5.3
1976 .....	945	934	4.3	3,418	3,375	15.7	1,192	1,067	5.0
1977 .....	950	941	4.3	3,560	3,514	16.1	1,036	939	4.3
1978 .....	974	966	4.4	3,792	3,737	17.0	1,019	899	4.1
1979 .....	1,016	1,005	4.5	3,908	3,837	17.2	1,028	911	4.1
1980 .....	1,020	1,012	4.5	4,037	3,975	17.6	969	854	3.8
1981 .....	1,107	982	4.3	4,240	4,182	18.4	1,035	932	4.1
1982 .....	1,222	1,050	4.6	4,722	4,633	20.0	1,030	927	4.0
1983 .....	1,270	1,177	5.1	4,902	4,791	20.6	981	903	3.9
1984 <sup>5</sup> .....	1,295	1,165	5.0	5,184	5,189	21.7	968	880	3.8

  

Year	Ice cream (product weight)			Dry whole milk			Nonfat dry milk (human food)		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1970 .....	3,656	3,561	17.6	71	43	.21	1,530	1,079	5.3
1971 .....	3,676	3,581	17.5	73	32	.16	1,468	1,083	5.3
1972 .....	3,685	3,600	17.3	76	24	.12	1,270	955	4.6
1973 .....	3,714	3,634	17.3	76	21	.10	1,154	1,113	5.3
1974 .....	3,753	3,679	17.4	67	15	.07	916	884	4.2
1975 .....	4,015	3,945	18.5	63	16	.08	828	703	3.3
1976 .....	3,928	3,858	17.9	75	33	.15	911	764	3.5
1977 .....	3,887	3,817	17.5	72	34	.16	917	729	3.3
1978 .....	3,914	3,844	17.4	77	56	.25	1,015	689	3.1
1979 .....	3,893	3,823	17.1	85	66	.30	1,010	739	3.3
1980 .....	3,984	3,914	17.3	82	63	.28	1,064	674	3.0
1981 .....	3,996	3,926	17.2	104	39	.17	1,014	605	2.6
1982 .....	4,090	4,020	17.5	102	34	.15	1,010	611	2.7
1983 .....	4,218	4,161	17.9	111	94	.40	1,389	708	3.0
1984 <sup>5</sup> .....	4,241	4,171	17.8	121	98	.42	1,324	640	2.7

<sup>1</sup> Total disappearance is based on production, imports, and change in stocks during the year. Production statistics for these commodities appear in other tables in this chapter. The total apparent civilian consumption was obtained by subtracting ending stocks, shipments, exports, and military takings from the total supply. The per capita civilian consumption for each year was obtained by dividing the total apparent civilian consumption by the number of persons eating out of civilian supplies.

<sup>2</sup> Includes both farm and factory-made butter.

<sup>3</sup> Includes all kinds of cheese except cottage and full-skim American.

<sup>4</sup> The evaporated milk is unskimmed, unsweetened, case goods. The condensed milk is unsweetened (plain condensed), unskimmed, bulk goods; and sweetened condensed milk, unskimmed, case and bulk goods.

<sup>5</sup> Preliminary.

Economic Research Service.

Table 490.—Dairy products: Average price per pound for specified products, 1967 and 1981-84

Item and market	1967	1981	1982	1983	1984
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Butter, bulk, wholesale selling prices, Chicago:					
Grade AA (93-score).....	0.6671	1.4897	1.4839	1.4832	1.4947
Grade A (92-score).....	.6668	1.4799	1.4769	1.4730	1.4881
Butter, one-pound prints, wholesale selling prices, California cities:					
Grade AA (93-score).....	.7898	1.6855	1.7187	1.7229	1.7459
Butter, spot cash call prices, <sup>1</sup> Chicago Mercantile Exchange:					
Grade AA (93-score):					
High.....	.6875	1.5250	1.5000	1.5500	1.6075
Low.....	.6575	1.4650	1.4700	1.4100	1.4100
Grade A (92-score):					
High.....	.6850	1.5075	1.4875	1.5400	1.6075
Low.....	.6575	1.4550	1.4550	1.3750	1.3750
Cheese, cheddar, f.o.b. Wisconsin Assembling Points:					
Barrels.....		1.3394	1.3348	1.3381	1.3078
40-pound blocks.....	.4522	1.3944	1.3827	1.3828	1.3796
Cheese, prices <sup>1</sup> National Cheese Exchange, Inc.: <sup>2</sup>					
Cheddar, barrels:					
High.....	.4200	1.3475	1.3300	1.3350	1.3350
Low.....	.4025	1.2850	1.3100	1.2750	1.2750
Cheddar, 40-pound blocks:					
High.....	.4400	1.3700	1.3725	1.3675	1.3950
Low.....	.4225	1.3525	1.3525	1.3100	1.3100
Nonfat dry milk, f.o.b. plant, Central States Production Area:					
Extra Grade <sup>3</sup> .....	<sup>4</sup> .2075	.9331	.9327	.9331	.9100
Grade A.....		.9489	.9500	.9477	.9198
Whey power, f.o.b. plant, Central States Production Area:					
Edible (nonhygroscopic).....		.1688	.1470	.1219	.1752
Used for animal feed (spray process).....		.1422	.1294	.1099	.1549

<sup>1</sup> Prices represent high and low for the year.<sup>2</sup> Green Bay, Wisconsin.<sup>3</sup> Average for high and low heat processing.<sup>4</sup> Includes Grade A.

Agricultural Marketing Service.



Table 491.—Butter: Production in specified countries, 1982-84

Continent and country	1982	1983	1984 <sup>1</sup>	Continent and country	1982	1983	1984 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Czechoslovakia .....	138	149	155
Canada .....	134	104	108	German Dem. Rep .....	266	291	297
Mexico .....	17	21	17	Hungary .....	32	33	34
United States .....	570	589	508	Poland .....	265	300	322
Total .....	721	714	633	Romania .....	38	47	49
				Yugoslavia .....	15	15	15
South America:				Total Eastern Europe .....	754	835	872
Argentina .....	37	32	29	Total Europe .....	3,070	3,487	3,249
Brazil .....	70	70	70	Soviet Union .....	1,403	1,563	1,600
Venezuela .....	6	8	10				
Total .....	113	110	109	Africa:			
Europe:				South Africa .....	17	18	18
Belgium and Luxembourg .....	102	113	101	Asia:			
Denmark .....	121	131	105	India .....	650	670	690
France .....	624	657	625	Japan .....	64	74	77
Germany, Fed. Rep. of .....	556	627	572	Total .....	714	744	767
Greece .....	6	6	6				
Ireland .....	140	164	166	Oceania:			
Italy .....	75	79	80	Australia <sup>2</sup> .....	76	88	111
Netherlands .....	216	271	241	New Zealand <sup>3</sup> .....	248	252	287
United Kingdom .....	216	240	200	Total .....	324	340	398
Total EC .....	2,056	2,268	2,096	Grand total .....	6,362	6,875	6,774
Austria .....	43	47	45				
Finland .....	70	84	78				
Norway .....	25	29	28				
Portugal .....	4	4	3				
Spain .....	16	13	11				
Sweden .....	70	73	78				
Switzerland .....	32	34	38				
Total other Western Europe .....	260	284	281				

<sup>1</sup> Preliminary.<sup>2</sup> Year ending June 30.<sup>3</sup> Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 492.—Cheese: Production in specified countries, 1982-84

Continent and country	1982	1983	1984 <sup>1</sup>	Continent and country	1982	1983	1984 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Con.			
Canada.....	170	185	193	Spain.....	140	155	155
Mexico.....	230	230	188	Sweden.....	108	115	116
United States.....	2,060	2,186	2,127	Switzerland.....	129	135	136
Total.....	2,460	2,601	2,508	Total other Western Europe.....	638	657	663
South America:				Czechoslovakia.....	120	123	126
Argentina.....	229	209	210	German Dem. Rep.....	223	225	229
Brazil.....	220	200	200	Hungary.....	45	47	48
Venezuela.....	28	35	45	Poland.....	95	107	112
Total.....	477	444	455	Romania.....	80	90	95
Europe:				Yugoslavia.....	143	145	145
Belgium and Luxembourg.....	34	36	38	Total Eastern Europe....	706	737	755
Denmark.....	245	249	293	Total Europe.....	4,885	4,997	5,169
France <sup>2</sup> .....	1,200	1,245	1,289	Soviet Union.....	699	744	780
Germany, Fed. Rep. of.....	462	461	483	Africa:			
Greece.....	173	173	185	South Africa.....	37	37	35
Ireland.....	57	54	52	Asia and Oceania:			
Italy.....	645	656	65	Japan.....	17	20	22
Netherlands.....	481	485	514	Australia <sup>3</sup> .....	153	158	161
United Kingdom.....	244	244	247	New Zealand <sup>4</sup> .....	112	114	110
Total EC.....	3,541	3,603	3,751	Total.....	282	292	293
Austria.....	81	80	84	Grand total.....	8,840	9,115	9,240
Finland.....	71	70	72				
Norway.....	72	66	67				
Portugal.....	37	36	33				

<sup>1</sup> Preliminary    <sup>2</sup> Includes uncured cheese.    <sup>3</sup> Year ending June 30.    <sup>4</sup> Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 493.—Dairy products: United States imports by type of product, 1970-84

Year	Dried milk <sup>1</sup>	Cheese				Butter	Casein
		Swiss <sup>2</sup>	Cheddar <sup>3</sup>	Other	Total		
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1970.....	799	18,281	5,172	49,547	73,000	339	61,366
1971.....	973	16,292	4,466	40,898	61,656	285	48,054
1972.....	727	20,996	4,674	55,679	81,349	324	47,810
1973.....	120,913	29,593	9,602	65,028	104,223	19,880	51,178
1974.....	52,200	35,892	48,635	58,637	143,164	5,252	51,206
1975.....	1,121	26,717	4,834	49,862	81,413	239	26,510
1976.....	824	34,639	3,649	55,714	94,002	255	50,867
1977.....	831	33,978	4,246	56,760	94,984	337	65,429
1978.....	1,120	42,010	4,880	62,988	110,998	334	62,204
1979.....	989	34,169	4,653	73,820	112,642	357	68,415
1980.....	2,218	30,214	4,858	69,778	104,850	258	69,019
1981.....	1,248	29,990	5,488	76,862	112,340	810	57,981
1982.....	878	30,479	5,751	85,066	122,174	764	80,175
1983.....	1,136	31,045	5,780	91,879	129,840	768	72,362
1984 <sup>4</sup> .....	1,113	31,513	6,276	99,908	138,810	742	87,320

<sup>1</sup> Includes whole and skimmed milk.    <sup>2</sup> Includes Emmenthaler with eye-formation and Gruyère process cheese.

<sup>3</sup> Beginning 1969, includes colby cheese.    <sup>4</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 494.—Dairy products: United States imports by country of origin, 1982-84

Commodity and country of origin	1982	1983	1984 <sup>1</sup>	Commodity and country of origin	1982	1983	1984 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Butter:</b>				<b>Cheese, Swiss: <sup>3</sup></b>			
Argentina.....	6	35	35	Austria.....	6,949	6,898	7,011
Denmark.....	11	18	20	Denmark.....	1,413	1,245	1,168
Sweden.....	18	0	0	Finland.....	8,885	8,623	8,787
New Zealand.....	150	150	150	France.....	1,106	751	907
Germany.....	12	40	19	Germany, Fed. Rep. of.....	5,190	5,830	5,549
France.....	41	25	26	Iceland.....	170	41	300
United Kingdom.....	21	9	25	Netherlands.....	1,199	1,007	870
Other Countries.....	48	39	41	Norway.....	6,955	6,883	6,749
Total.....	307	316	316	Switzerland.....	3,895	4,560	4,838
				Other countries.....	612	572	939
<b>Cheese, all types:</b>				Total.....	36,374	36,410	37,118
Canada.....	1,549	1,635	1,884	<b>Milk, nonfat dry milk:</b>			
Argentina.....	4,501	4,682	4,897	Canada.....	220	220	220
Austria.....	7,869	7,771	7,972	Australia.....	600	600	600
Belgium and Luxembourg.....	1,039	1,070	1,054	New Zealand.....	0	0	0
Denmark.....	17,849	18,024	18,615	Other countries.....	0	0	0
Finland.....	10,988	10,376	10,467	Total.....	820	820	820
France.....	10,281	10,725	12,773	<b>Casein:</b>			
Germany, Fed. Rep. of.....	9,169	12,141	11,171	Canada.....	13	46	166
Iceland.....	492	364	623	Argentina.....	952	557	48
Ireland.....	122	293	785	Uruguay.....	409	144	346
Italy.....	8,088	8,428	11,952	Denmark.....	971	1,115	2,179
Netherlands.....	6,715	6,850	6,774	France.....	6,769	5,449	6,291
Norway.....	7,388	7,418	7,258	Germany, Fed. Rep. of.....	529	1,196	664
Portugal.....	365	252	766	Ireland.....	18,215	16,299	17,782
Sweden.....	1,352	1,362	1,312	Norway.....	1,095	961	1,014
Switzerland.....	5,243	5,996	6,319	Poland.....	1,912	1,854	2,513
United Kingdom.....	1,583	1,569	1,463	Soviet Union.....	715	1,979	2,231
Israel.....	714	521	982	Australia.....	343	284	152
Czechoslovakia.....	277	270	239	New Zealand.....	7,469	8,530	6,952
Hungary.....	429	412	690	Other countries.....	38,643	31,032	42,957
Poland.....	334	1,188	1,123	Total.....	2,140	1,916	3,939
Dominican Republic.....	8	3	3				
Azores.....	202	200	0				
New Zealand.....	19,189	19,826	21,386				
Other countries.....	6,428	8,466	8,303				
Total.....	122,174	129,842	138,811				
<b>Cheese, cheddar: <sup>2</sup></b>							
Canada.....	833	800	864				
Austria.....	104	98	36				
Ireland.....	33	19	8				
United Kingdom.....	217	254	264				
Australia.....	1,182	1,190	1,220				
New Zealand.....	3,328	3,332	3,778				
Other countries.....	54	87	106				
Total.....	5,751	5,780	6,276				

<sup>1</sup> Preliminary.<sup>2</sup> Includes colby cheese.<sup>3</sup> Includes Emmenthaler with eye-formation and Gruyère process cheese.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 495.—Dairy products: Exports by principal exporting countries, 1982-84

Commodity and country of destination	1982	1983	1984 <sup>1</sup>	Commodity and country of destination	1982	1983	1984 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Butter:				Condensed milk:			
Belgium and Luxembourg.....	166,000	118,000	117,000	United States <sup>3</sup> .....	167	155	217
Denmark.....	75,000	81,000	67,000	Denmark <sup>4</sup> .....	254	13	n.a.
France.....	136,000	117,000	170,000	France.....	35,870	37,099	n.a.
Germany, Fed. Rep. of.....	153,000	107,000	85,000	Netherlands.....	79,710	76,457	n.a.
Ireland.....	80,000	82,000	124,000	United Kingdom.....	1,859	897	n.a.
Netherlands.....	218,000	193,000	189,000	Australia.....	9,713	5,871	5,902
Soviet Union.....	15,000	17,000	18,000	Total.....	127,573	120,492	n.a.
Australia.....	7,000	17,000	43,000	Milk, dried whole:			
New Zealand.....	228,000	234,000	201,000	United States.....	4,472	1,863	2,908
Total.....	1,078,000	966,000	1,014,000	Belgium and Luxembourg.....	36,091	25,013	29,421
Cheese:				Denmark.....	66,710	69,324	28,789
Denmark.....	198,000	203,000	243,000	France.....	144,776	119,871	110,966
Finland.....	35,000	31,000	36,000	Ireland.....	40,490	17,904	16,594
France.....	222,000	229,000	238,000	Netherlands.....	202,866	186,639	106,934
Germany, Fed. Rep. of.....	262,000	273,000	295,000	United Kingdom.....	26,789	33,244	15,099
Ireland.....	44,000	49,000	49,000	Australia.....	48,735	38,081	30,750
Italy.....	36,000	35,000	38,000	Total.....	565,194	491,939	341,461
Netherlands.....	317,000	326,000	340,000	Milk, nonfat dry milk:			
Switzerland.....	63,000	63,000	63,000	Canada.....	119,000	82,000	70,000
Australia.....	57,000	54,000	62,000	United States.....	126,416	235,000	267,000
New Zealand.....	81,000	75,000	96,000	Belgium and Luxembourg.....	116,000	104,000	95,000
Total.....	1,315,000	1,338,000	1,460,000	Denmark.....	30,000	20,000	19,000
Evaporated milk:				France.....	113,000	260,000	232,000
United States <sup>2</sup> .....	8,355	2,272	3,290	Germany, Fed. Rep. of.....	352,000	546,000	472,000
Belgium and Luxembourg.....	662	1,205	n.a.	Ireland.....	80,000	87,000	182,000
France.....	38,388	46,800	n.a.	Netherlands.....	166,000	143,000	110,000
Netherlands.....	389,789	375,824	n.a.	United Kingdom.....	133,000	118,000	170,000
United Kingdom.....	35,782	36,717	n.a.	Australia.....	29,000	52,000	77,000
Total.....	472,976	462,818	n.a.	New Zealand.....	135,000	144,000	158,000
				Total.....	1,399,416	1,791,000	1,852,000

<sup>1</sup> Preliminary.<sup>2</sup> Year ending June 30.<sup>3</sup> Excludes exports for relief and charity.<sup>4</sup> Includes evaporated and other canned milk.

n.a. not available.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 496.—Dairy products: United States exports <sup>1</sup> by country of destination, 1982-84

Commodity and country of destination	1982	1983	1984 <sup>2</sup>	Commodity and country of destination	1982	1983	1984 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Butter:				Cheese, all types:			
Bahamas.....	46	4	13	Australia.....	29	21	23
Belgium-Luxembourg.....	14,416	9,390	.....	Bahamas.....	124	121	122
Canada.....	366	120	3	Barbados.....	34	40	31
Dominican Rep.....	1	.....	429	Bermuda.....	155	120	80
Egypt.....	.....	2,950	18,760	Belize.....	21	58	44
Jamaica.....	.....	6	1,832	Canada.....	1,208	1,319	1,118
Mexico.....	36	616	1,885	Cayman Island.....	45	60	104
Mozambique.....	.....	.....	1,443	Chile.....	40	24	895
New Zealand.....	33,560	805	.....	Columbia.....	127	169	147
Trust Territory of the Pacific Island.....	7	15	42	Dominican Rep.....	51	11	719
Other countries.....	14,250	13,671	21,771	Egypt.....	.....	1,786	4,943
Total <sup>3</sup> .....	62,682	27,577	44,178	Haiti.....	79	70	69
				Hong Kong.....	113	109	87

See footnotes at end of table.



Table 496.—Dairy Products: United States exports<sup>1</sup> by country of destination, 1982-84—Continued

Commodity and country of destination	1982	1983	1984 <sup>2</sup>	Commodity and country of destination	1982	1983	1984 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Cheese, all types—Con.				Chile.....	452	1,644	8,064
Indonesia.....	38	24	44	Columbia.....	12	728	475
Jamaica.....	33	51	1,927	Egypt.....	17,749	11,931	18,836
Japan.....	986	854	993	El Salvador.....	3,286	11,607	3,716
Korea.....	67	114	80	Ethiopia.....	1,970	4,453	7,761
Leeward-Windward Is.....	55	71	326	Guatemala.....	3,572	6,364	15,336
Mexico.....	282	4,014	1,297	India.....	101	2,184	25,609
Mozambique.....			339	Indonesia.....	1,308	7,319	4,914
Netherlands.....	308	5	27	Jamaica.....	3,173	1,683	7,999
Netherlands Antilles.....	232	163	127	Kenya.....	3,895	3,594	4,000
Panama.....	368	306	416	Mauritania.....	1,431	1,437	6,657
Peru.....	4		280	Mexico.....	8,595	71,896	31,458
Poland.....	12,302	6,543	1,723	Marocco.....	3,157	7,121	9,053
Saudi Arabia.....	182	259	34	Mozambique.....	250	365	1,901
Singapore.....	45	28	36	Pakistan.....	14,468	10,551	5,058
South Africa.....	49	124	20	Peru.....	2,033	11,078	11,196
Taiwan.....	25	19	38	Philippines.....	4,883	7,307	9,218
Trinidad and Tobago.....	95	84	88	Poland.....	9,100	21,685	8,680
Trust Territory of the Pacific Islands.....	59	51	68	Senegal.....	45	1,006	6,697
Venezuela.....	409	552	164	Somalia.....	5,496	3,448	4,588
Other countries.....	394	277	322	Sri Lanka.....	1,264	7,505	3,922
Total <sup>3</sup> .....	17,959	17,447	16,731	South Africa.....		814	1,658
				Sudan.....	1,060	1,695	630
Evaporated milk:				Other countries.....	32,024	34,701	43,662
Bahamas.....	27	20	5	Total <sup>3</sup> .....	126,416	234,793	267,112
Canada.....	195	9	1				
Mexico.....	6,640	1,289	2,365	Infants dietary supplements, dry milk base:			
Panama.....	1	6		Canada.....	525	396	199
Colombia.....	6	11	9	Dominican Republic.....	260	214	569
Spain.....	37	26		Guatemala.....	1	45	15
Trust Territory of the Pacific Islands.....	643	691	591	Honduras.....		7	21
Other countries.....	806	215	319	Jamaica.....	89	47	17
Total <sup>3</sup> .....	8,355	2,272	3,290	Mexico.....	20	74	53
				Panama.....	33	21	35
Condensed milk:				Ecuador.....	107	4	41
Bahamas.....	8	11	4	Peru.....	207	332	77
Mexico.....	101	22	9	Taiwan.....	492	666	146
Guinea.....	9			Hong Kong.....	145	1,216	977
Indonesia.....			21	Malaysia.....	28	124	108
Other countries.....	20	105	27	Philippines.....	2		12
Total <sup>3</sup> .....	166	155	217	Saudi Arabia.....	45	46	22
				Singapore.....	19	81	51
Milk, nonfat dry:				Thailand.....	2	1	6
Angola.....	3,227	2,296	3,663	Australia.....	297	357	329
Bolivia.....	3,127	4,724	5,016	Other countries.....	2,791	1,612	1,515
Brazil.....	738	656	17,345	Total <sup>3</sup> .....	5,063	5,243	4,193

<sup>1</sup> Excludes exports for relief.<sup>2</sup> Preliminary.<sup>3</sup> Totals may not add due to rounding.<sup>4</sup> Dry whole milk recategorized in 1978 as "other dried milk and cream".

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 497.—Dairy products: Price-support operations, United States, 1970-84

Market- ing year <sup>1</sup>	Manufacturing milk			Butterfat			Product purchase price per pound <sup>3</sup>			Product purchases <sup>7</sup>			
	Support level			Support level			Butter <sup>4</sup>	Cheddar cheese <sup>5</sup>	Nonfat milk, spray proc- ess <sup>6</sup>	Quantity		Percentage of milk and cream marketed by farmers	
	At National Average Milkfat test, Per Cwt.	Per- centage of parity equiva- lent price <sup>2</sup>	Average price re- ceived by farm- ers per cwt.	Price per lb.	Per- centage of parity <sup>2</sup>	Average price re- ceived by farm- ers per lb.				Milk- fat con- tent	Nonfat solids con- tent	Milk- fat con- tent	Non- fat sol- ids con- tent
	Dollars	Per- cent	Dol- lars	Cents	Per- cent	Cents	Cents	Cents	Cents	Mil- lion pounds	Mil- lion pounds	Per- cent	Per- cent
1970.....	4.66	85	4.76	71.5	75	71.1	<sup>8</sup> 69.798 <sup>9</sup> 69.711 <sup>10</sup> 69.784	52.0	27.2	274	470	6.6	4.9
1971.....	4.93	85	4.91	( <sup>11</sup> )	( <sup>11</sup> )	69.5	67.784	54.75	31.7	252	489	6.0	5.0
1972.....	4.93	79	5.22	( <sup>11</sup> )	( <sup>11</sup> )	68.1	67.708	54.75	31.7	209	283	4.9	2.9
1973.....	<sup>10</sup> 5.29	85					<sup>12</sup> 60.9	<sup>12</sup> 62.0	<sup>13</sup> 37.5				
	5.29	75	6.95	( <sup>11</sup> )	( <sup>11</sup> )	68.3	60.9	62.0	37.5	28	53	.7	.6
	<sup>13</sup> 5.61	80						<sup>13</sup> 65.0	<sup>13</sup> 41.4				
1974.....	6.57	81	6.87	( <sup>11</sup> )	( <sup>11</sup> )	61.3	60.57	70.75	56.6	92	415	2.2	4.3
	<sup>14</sup> 7.24	89					<sup>14</sup> 68.07	<sup>14</sup> 77.25	<sup>14</sup> 60.6				
1975.....	7.24	79	8.12	( <sup>11</sup> )	( <sup>11</sup> )	74.6	69.19	79.25	60.06	52	301	1.3	3.1
	<sup>15</sup> 7.71	84					<sup>15</sup> 79.69	<sup>15</sup> 85.00	<sup>15</sup> 62.4				
1976.....	8.13	80	8.52	( <sup>11</sup> )	( <sup>11</sup> )	<sup>17</sup> 83.4	85.817	<sup>16</sup> 90.50	62.4	127	331	2.9	3.3
	<sup>16</sup> 8.26	81					<sup>16</sup> 90.817	<sup>16</sup> 92.50					
( <sup>18</sup> )	(9.00)	(82)	(8.65)	( <sup>11</sup> )	( <sup>11</sup> )		(100.71)	(98.00)	(68.0)	(140)	(363)	(6.2)	(6.9)
1977 <sup>1</sup> .....	9.00	82	9.30	( <sup>11</sup> )	( <sup>11</sup> )	<sup>17</sup> 92.0	100.71	98.00	68.0	137	345	3.1	3.4
	<sup>19</sup> 9.43	86					106.71	103.25	71.0				
1978.....	9.87	80	10.86	( <sup>11</sup> )	( <sup>11</sup> )	<sup>17</sup> 102.0	111.30	106.0	73.75	55	203	1.2	2.0
	<sup>20</sup> 10.76	87					121.80	116.0	79.0				
1979.....	11.49	80	11.75	( <sup>11</sup> )	( <sup>11</sup> )	<sup>17</sup> 119.0	131.33	124.0	84.0	304	679	6.7	6.3
	<sup>21</sup> 12.36	86					140.58	132.5	89.5				
1980.....	13.10	80	12.71	( <sup>11</sup> )	( <sup>11</sup> )		149.00	139.5	94.0	468	936	9.9	8.4
1981.....	13.49	75	12.68	( <sup>11</sup> )	( <sup>11</sup> )		153.00	143.25	96.5	511	1,113	10.6	9.9
	<sup>22</sup> 13.10	72					149.00	139.50	94.0				
1982.....	13.10	69	12.66	( <sup>11</sup> )	( <sup>11</sup> )		149.00	139.50	94.0	608	1,278	12.2	10.9
1983.....	13.10	65	12.66	( <sup>11</sup> )	( <sup>11</sup> )		149.00	139.50	94.0	387	928	7.9	8.1
	<sup>23</sup> 12.60	62					143.25	134.75	91.0				
1984.....	12.60	60	12.42	( <sup>11</sup> )	( <sup>11</sup> )		143.25	134.75	91.0				
	<sup>24</sup> 12.10	56	11.82				143.25	128.75	84.75				

<sup>1</sup> Marketing year changed from April-March to October-September on Oct. 1, 1977. <sup>2</sup> Percentage of the parity equivalent price for manufacturing milk and the parity price for butterfat as of the beginning of the marketing year. <sup>3</sup> Announced purchase prices for products in bulk containers. <sup>4</sup> Through March 31, 1985, indicated price is for Chicago (which represents an approximate U.S. average purchase price) based on New York prices less 80 percent of the lowest rail freight rate from Chicago to New York. Effective April 1, 1985, single nationwide price. <sup>5</sup> U.S. Grade A or higher, standard moisture basis. <sup>6</sup> U.S. Extra Grade, not more than 3.5 percent moisture content. Prices quoted are for product in 100-lb. bags, Nov. 4, 1955 through Aug. 18, 1967 and 50-lb. bags beginning Aug. 19, 1967. <sup>7</sup> Milkfat and nonfat solids content of butter, cheese, and nonfat dry milk purchased under price support and related programs. (Excludes purchases of fluid milk partly paid for by CCC under military and veterans milk program). Includes purchases at market prices for domestic school lunch and welfare programs beginning with the 1966-67 marketing year and ending in the 1973-74 marketing year under Section 709 of the Food and Agriculture Act of 1965. Includes purchases with Section 32 funds for distribution to needy persons of evaporated milk beginning in the 1968-69 marketing year and purchases of dry whole milk during 1971-72 through 1974-75. Purchases were also made in 1973-74 through 1975-76 marketing year under Section 4(a) of the Agriculture and Consumer Protection Act of 1973. <sup>8</sup> Effective June 9, 1970. <sup>9</sup> Effective Nov. 20, 1970. <sup>10</sup> Effective Jan. 10, 1971. <sup>11</sup> The requirement to support butterfat was suspended by the agricultural Act of 1970 and terminated by the Agriculture and Consumer Protection Act of 1973. <sup>12</sup> Effective Mar. 15, 1973. <sup>13</sup> Effective Aug. 10, 1973. <sup>14</sup> Effective Jan. 4, 1975. <sup>15</sup> Effective Oct. 2, 1975. <sup>16</sup> Effective Oct. 1, 1976. <sup>17</sup> Calendar year average, discontinued after 1979. <sup>18</sup> Transition period. <sup>19</sup> Effective Apr. 1, 1978 (80 percent of parity as of that date). <sup>20</sup> Effective Apr. 1, 1979 (78 percent of parity as of that date). <sup>21</sup> Effective Apr. 1, 1980 (79 percent of parity as of that date). <sup>22</sup> Effective Oct. 21, 1981. <sup>23</sup> Effective Dec. 1, 1983. <sup>24</sup> Effective Apr. 1, 1985.

Agricultural Stabilization and Conservation Service.

Table 498.—Dairy products: United States exports <sup>1</sup> by type of product, 1970-84

Year	Butter	Cheese	Milk and cream			
			Evaporated (unsweet- ened)	Condensed (sweetened)	Whole dried	Nonfat dry milk
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1970.....	143	3,055	15,110	7,452	5,713	96,293
1971.....	41,192	2,948	14,820	15,947	10,708	56,337
1972.....	18,907	2,904	18,373	6,738	17,060	70,272
1973.....	1,501	3,180	18,768	895	22,427	4,716
1974.....	264	3,433	18,449	1,013	20,284	3,039
1975.....	313	3,879	24,019	957	15,783	41,074
1976.....	199	3,939	20,185	2,141	14,098	4,684
1977.....	272	4,660	13,057	2,408	10,579	17,580
1978.....	270	4,775	14,967	1,819	5,877	49,840
1979.....	424	5,405	17,968	1,531	4,418	68,135
1980.....	391	5,715	17,435	2,037	3,474	101,060
1981.....	53,583	5,731	14,469	1,049	2,663	112,705
1982.....	62,682	17,959	8,355	167	4,472	126,416
1983.....	27,577	17,447	2,272	155	1,863	234,793
1984 <sup>2</sup> .....	44,178	16,731	3,290	217	2,908	267,112

<sup>1</sup> Excludes exports for relief and charity.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 499.—Chickens: Number and value, United States, Dec. 1, 1970-84 <sup>1</sup>

Year	Hens	Pullets			Other chickens	All chickens	Value per head	Total value
		Of laying age	3 months old and older not of laying age	Under 3 months old				
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	134,376	189,007	50,206	52,994	6,697	433,280	1.21	525,206
1971.....	136,915	181,063	50,559	46,908	6,318	421,763	1.23	517,219
1972.....	131,119	169,035	48,833	49,022	6,182	404,191	1.28	516,420
1973.....	125,708	168,095	52,026	56,854	6,086	408,769	1.62	662,509
1974.....	121,849	164,184	46,752	45,832	5,484	394,101	1.70	653,305
1975.....	122,513	157,230	48,404	46,261	5,346	379,754	1.74	659,960
1976.....	119,083	160,695	47,776	45,175	5,632	378,361	1.70	643,720
1977.....	117,645	169,032	47,653	46,191	5,997	386,518	1.69	651,851
1978.....	123,191	170,115	48,992	48,681	5,954	396,933	1.75	696,019
1979.....	120,140	174,793	50,186	49,048	6,418	400,585	1.81	726,365
1980.....	122,058	172,009	47,183	44,358	6,323	391,931	1.88	737,495
1981.....	128,946	164,840	42,400	42,298	6,836	385,338	1.89	728,460
1982.....	133,382	156,255	40,479	42,547	6,556	379,219	1.85	702,556
1983.....	132,674	145,843	37,747	42,331	6,285	364,880	1.96	716,700
1984 <sup>2</sup> .....	119,148	166,555	39,003	42,703	6,444	373,953	2.02	755,618

<sup>1</sup> Does not include commercial broilers.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 500.—Chickens: Hens and pullets of laying age, by States, Dec. 1, 1982-84

State	Hens and pullets of laying age								
	Hens			Pullets			Total		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>Thous-</i> <i>sands</i>	<i>Thous-</i> <i>sands</i>	<i>Thous-</i> <i>sands</i>	<i>Thous-</i> <i>sands</i>	<i>Thous-</i> <i>sands</i>	<i>Thous-</i> <i>sands</i>	<i>Thous-</i> <i>sands</i>	<i>Thous-</i> <i>sands</i>	<i>Thous-</i> <i>sands</i>
Ala.....	5,250	5,220	3,300	6,850	6,590	8,640	12,100	11,810	11,940
Alaska.....	26	20	37	31	41	23	57	61	60
Ariz.....	340	280	173	130	100	289	470	380	462
Ark.....	7,110	5,260	4,954	9,432	9,699	10,448	16,542	14,959	15,402
Calif.....	18,720	21,400	17,700	15,680	13,200	16,300	34,400	34,600	34,000
Colo.....	1,370	1,800	1,020	1,355	700	1,600	2,725	2,500	2,620
Conn.....	2,991	2,851	3,222	1,885	1,925	2,025	4,876	4,776	5,247
Del.....	70	157	129	552	485	460	622	642	589
Fla.....	6,250	7,130	5,930	6,250	4,970	5,270	12,500	12,100	11,200
Ga.....	9,690	10,170	8,294	11,333	8,493	10,984	21,523	18,663	19,278
Hawaii.....	589	577	559	260	352	385	849	929	944
Idaho.....	663	647	666	344	357	368	1,007	1,004	1,034
Ill.....	2,500	2,000	1,600	2,450	1,840	1,680	4,950	3,840	3,280
Ind.....	7,700	7,600	8,950	10,800	11,300	12,890	18,500	18,900	21,840
Iowa.....	3,300	3,300	3,000	4,900	4,300	4,100	8,200	7,600	7,100
Kans.....	700	869	800	1,100	1,071	1,100	1,800	1,940	1,900
Ky.....	750	900	700	1,380	1,020	1,135	2,130	1,920	1,835
La.....	965	915	830	995	885	890	1,960	1,800	1,720
Maine.....	2,382	1,585	2,282	3,138	3,344	2,952	5,520	4,929	5,234
Md.....	1,380	1,055	968	1,847	2,400	2,580	3,227	3,455	3,548
Mass.....	742	595	651	458	514	450	1,200	1,109	1,101
Mich.....	2,570	2,530	2,650	3,730	3,670	4,050	6,300	6,200	6,700
Minn.....	4,400	5,100	3,800	6,100	5,500	6,250	10,500	10,600	10,050
Miss.....	3,282	2,515	2,125	3,005	2,689	2,875	6,287	5,204	5,000
Mo.....	3,300	2,500	2,400	3,000	3,100	3,700	6,300	5,600	6,100
Mont.....	385	300	360	365	430	430	750	730	790
Nebr.....	1,825	1,860	1,940	1,615	1,510	1,570	3,440	3,370	3,510
Nev.....	8	8	9	2	2	3	10	10	12
N.H.....	233	235	163	347	281	322	580	516	485
N.J.....	575	650	440	515	450	790	1,090	1,100	1,230
N. Mex.....	720	797	797	435	354	353	1,155	1,151	1,150
N.Y.....	2,850	2,500	2,900	4,550	4,200	4,200	7,400	6,700	7,100
N.C.....	5,950	6,350	6,260	7,250	7,050	7,540	13,200	13,400	13,800
N. Dak.....	241	125	215	161	458	285	402	583	500
Ohio.....	5,500	4,300	3,200	6,800	8,100	11,000	12,300	12,400	14,200
Okla.....	1,450	1,430	1,200	2,150	2,270	2,540	3,600	3,700	3,740
Oreg.....	1,650	1,650	1,650	1,050	900	890	2,700	2,550	2,540
Pa.....	5,150	6,850	5,000	12,450	10,450	13,500	17,600	17,300	18,500
R.I.....	164	87	142	145	193	173	309	280	315
S.C.....	2,750	3,170	2,930	3,650	3,280	3,300	6,400	6,450	6,230
S. Dak.....	800	589	611	900	1,011	973	1,700	1,600	1,584
Tenn.....	1,380	1,560	1,410	2,270	1,440	1,790	3,650	3,000	3,200
Tex.....	6,700	6,200	5,550	6,500	7,000	7,750	13,200	13,200	13,300
Utah.....	936	1,150	1,025	837	650	843	1,773	1,800	1,868
Vt.....	149	62	80	163	178	173	312	240	253
Va.....	1,551	1,126	1,364	2,279	2,299	2,168	3,830	3,425	3,532
Wash.....	3,344	2,796	3,286	1,906	2,373	2,274	5,250	5,169	5,560
W. Va.....	240	360	350	345	250	190	585	610	540
Wis.....	1,764	1,520	1,500	2,036	2,150	2,040	3,800	3,670	3,540
Wyo.....	27	23	26	29	19	14	56	42	40
U.S.....	133,382	132,674	119,148	156,255	145,843	166,555	289,637	278,517	285,703

<sup>1</sup> Preliminary.

Statistical Reporting Service.



Table 501.—Chickens: Pullets not of laying age, and other chickens, by States, Dec. 1, 1982–84

State	Pullets 3 months old and older not of laying age			Pullets under 3 months old			Other chickens		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Ala.....	1,900	1,750	1,790	2,650	2,420	2,530	700	670	605
Alaska.....	5	1	1	18	10	6	1	1	1
Ariz.....	15	12	9	5	4	4	10	4	15
Ark.....	3,546	2,908	2,514	3,912	3,640	3,624	1,030	688	1,020
Calif.....	3,719	3,020	2,970	3,245	3,500	3,500	236	280	230
Colo.....	330	210	240	365	285	300	30	25	15
Conn.....	452	448	492	612	823	486	6	6	7
Del.....	140	135	101	110	180	106	51	67	52
Fla.....	2,050	1,080	1,350	1,910	1,360	1,500	140	160	150
Ga.....	2,984	2,867	3,060	3,126	3,114	3,326	931	881	920
Hawaii.....	115	106	128	184	105	123	0	0	0
Idaho.....	228	142	184	153	94	169	17	25	33
Ill.....	550	430	500	500	600	380	50	40	40
Ind.....	2,500	2,420	2,490	2,354	2,480	3,320	96	100	80
Iowa.....	960	1,100	1,050	1,060	1,420	1,475	80	80	75
Kans.....	170	170	90	244	220	350	16	20	20
Ky.....	520	190	480	200	140	180	90	50	105
La.....	420	320	240	320	330	400	100	100	90
Maine.....	894	964	578	1,280	782	1,218	16	13	14
Md.....	320	575	350	740	565	614	81	103	83
Mass.....	156	110	160	166	138	225	18	21	34
Mich.....	850	725	1,300	900	775	950	50	50	50
Minn.....	1,400	1,600	1,975	1,300	1,650	1,720	100	50	55
Miss.....	1,119	1,300	1,100	851	1,101	1,158	362	395	362
Mo.....	480	490	530	850	840	1,000	70	70	70
Mont.....	135	140	116	78	65	111	7	5	8
Nebr.....	360	270	280	230	190	190	20	20	20
Nev.....	2	1	2	2	1	2	1	1	1
N.H.....	89	137	61	163	73	41	10	9	31
N.J.....	107	15	105	11	100	70	10	5	5
N. Mex.....	122	196	192	263	187	152	8	10	8
N.Y.....	1,000	1,050	1,200	1,050	1,200	950	50	50	50
N.C.....	2,760	2,970	2,970	2,950	2,850	2,790	690	780	610
N. Dak.....	51	32	90	47	5	32	10	5	13
Ohio.....	1,350	1,800	2,500	1,875	1,880	2,400	75	70	100
Okla.....	570	540	430	380	380	720	150	130	140
Oreg.....	380	220	270	270	380	480	50	50	40
Pa.....	2,430	2,940	1,880	2,300	3,400	1,920	170	160	200
R.I.....	2	58	27	28	38	31	1	3	0
S.C.....	695	420	810	1,370	420	210	85	75	110
S. Dak.....	190	158	149	151	135	200	9	7	7
Tenn.....	510	380	500	400	410	280	140	110	120
Tex.....	1,900	1,600	2,000	1,650	2,100	1,600	450	500	500
Utah.....	300	290	120	250	248	321	3	7	5
Vt.....	61	41	54	63	40	52	4	4	2
Va.....	818	635	636	726	493	675	202	228	204
Wash.....	274	239	230	652	669	290	37	55	50
W. Va.....	112	140	147	32	40	41	71	80	62
Wis.....	430	400	550	550	450	480	20	20	30
Wyo.....	8	2	2	1	1	1	2	2	2
U.S.....	40,479	37,747	39,003	42,547	42,331	42,703	6,556	6,285	6,444

<sup>1</sup> Preliminary.  
Statistical Reporting Service.

Table 502.—Chickens: Number, value per head, and total value, by States, Dec. 1, 1982-84 <sup>1</sup>

State	Number			Value per head			Total value		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.....	17,350	16,650	16,865	1.75	1.75	2.10	30,363	29,138	35,417
Alaska.....	81	73	68	4.70	4.30	4.80	381	314	326
Ariz.....	500	400	490	1.50	1.95	2.00	750	780	980
Ark.....	25,030	22,195	22,560	2.65	2.10	2.45	66,330	46,610	55,272
Calif.....	41,600	41,400	40,800	1.75	1.80	1.90	72,800	74,520	77,520
Colo.....	3,450	3,020	3,175	1.75	2.05	1.85	6,038	6,191	5,874
Conn.....	5,946	6,053	6,232	2.10	2.05	2.40	12,487	12,409	14,957
Del.....	923	1,024	848	2.00	3.25	3.05	1,846	3,328	2,586
Fla.....	16,600	14,700	14,200	1.85	1.60	1.75	30,710	23,520	24,850
Ga.....	28,564	25,525	26,584	2.00	2.15	2.35	57,128	54,879	62,472
Hawaii.....	1,148	1,140	1,195	3.05	3.00	2.95	3,501	3,420	3,525
Idaho.....	1,405	1,265	1,420	1.50	2.10	2.50	2,108	2,657	3,550
Ill.....	6,050	4,910	4,200	1.75	1.65	1.50	10,588	8,102	6,300
Ind.....	23,450	23,900	27,730	1.30	1.50	1.45	30,485	35,850	40,209
Iowa.....	10,300	10,200	9,700	1.70	1.90	1.85	17,510	19,380	17,945
Kans.....	2,230	2,350	2,360	1.70	1.45	1.55	3,791	3,408	3,658
Ky.....	2,940	2,300	2,600	1.80	1.35	1.65	5,292	3,105	4,290
La.....	2,800	2,550	2,450	2.30	2.25	2.35	6,440	5,738	5,758
Maine.....	7,710	6,688	7,044	2.30	2.55	2.25	17,733	17,054	15,849
Md.....	4,368	4,698	4,595	2.00	2.80	2.20	8,736	13,154	10,109
Mass.....	1,540	1,378	1,520	2.55	2.45	2.60	3,927	3,376	3,952
Mich.....	8,100	7,750	9,000	1.45	1.60	1.60	11,745	12,400	14,400
Minn.....	13,300	13,900	13,800	1.65	1.60	1.90	21,945	22,240	26,220
Miss.....	8,619	8,000	7,620	2.30	2.15	2.45	19,824	17,200	18,669
Mo.....	7,700	7,000	7,700	1.75	1.70	1.70	13,475	11,900	13,090
Mont.....	970	940	1,025	2.25	1.95	2.00	2,183	1,833	2,050
Nebr.....	4,050	3,850	4,000	2.05	1.90	2.25	8,303	7,315	9,000
Nev.....	15	13	17	2.00	2.55	2.70	30	33	46
N.H.....	842	735	618	2.50	2.70	3.25	2,105	1,985	2,009
N.J.....	1,218	1,220	1,410	2.35	2.00	1.95	2,862	2,440	2,750
N. Mex.....	1,548	1,544	1,502	1.90	2.45	2.00	2,941	3,783	3,004
N.Y.....	9,500	9,000	9,300	1.90	2.00	1.95	18,050	18,000	18,135
N.C.....	19,600	20,000	20,170	2.05	2.90	2.35	40,180	58,000	47,400
N. Dak.....	510	625	635	1.80	2.00	2.10	918	1,250	1,334
Ohio.....	15,600	16,150	19,200	1.45	1.60	1.40	22,620	25,840	26,880
Oklahoma.....	4,700	4,750	5,030	2.50	3.30	2.20	11,750	15,675	11,066
Oreg.....	3,400	3,200	3,330	2.05	2.10	2.30	6,970	6,720	7,659
Pa.....	22,500	23,800	22,500	1.60	1.85	2.25	36,000	44,030	50,625
R.I.....	340	379	373	2.25	2.15	2.60	765	815	970
S.C.....	8,550	7,365	7,360	1.50	1.55	2.20	12,825	11,416	16,192
S. Dak.....	2,050	1,900	1,940	1.70	1.85	1.85	3,485	3,515	3,589
Tenn.....	4,700	3,900	4,100	1.45	1.75	1.85	6,815	6,825	7,585
Tex.....	17,200	17,400	17,400	1.75	2.00	1.95	30,100	34,800	33,930
Utah.....	2,326	2,345	2,314	2.05	2.00	2.35	4,768	4,690	5,438
Vt.....	440	325	361	2.20	2.40	2.65	968	780	957
Va.....	5,576	4,781	5,047	1.95	2.85	3.40	10,873	13,626	17,160
Wash.....	6,213	6,132	6,130	1.60	1.70	1.45	9,941	10,424	8,889
W. Va.....	800	870	790	3.85	4.00	3.80	3,080	3,480	3,002
Wis.....	4,800	4,540	4,600	1.65	1.90	1.75	7,920	8,626	8,050
Wyo.....	67	47	45	2.60	2.75	2.75	174	129	124
U.S.....	379,219	364,880	373,953	1.85	1.96	2.02	702,556	716,700	755,618

<sup>1</sup> Excludes commercial broilers.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 503.—Chickens: Production, disposition, cash receipts, and gross income, by States, 1984 (preliminary) <sup>1</sup>

State	Number				Pounds (live weight)		Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on production units	Gross income
	Raised	Lost <sup>2</sup>	Produced	Consumed on production units	Sold	Pro-duced <sup>3</sup>					
	Thous-ands	Thous-ands	Thous-ands	Thous-ands	Thous-ands	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	17,015	1,700	15,315	600	14,500	75,313	16.7	12,577	12,108	381	1,289
Alaska.....	102	30	72	60	17	335	57.0	191	44	137	181
Ariz.....	457	61	396	100	296	1,590	5.2	83	62	2	64
Ark.....	21,000	2,300	18,700	600	17,735	97,584	19.7	19,224	18,168	473	18,641
Calif.....	24,195	2,035	21,160	230	21,530	81,110	9.4	7,624	8,085	86	8,181
Colo.....	2,970	280	2,690	120	2,415	9,668	15.0	1,450	1,304	70	1,374
Conn.....	3,150	406	2,744	8	2,557	13,320	16.5	2,198	1,856	7	1,863
Del.....	800	90	710	30	856	6,453	18.0	1,162	1,217	25	1,242
Fla.....	9,500	1,710	7,790	130	8,160	30,784	9.6	2,955	3,133	44	3,177
Ga.....	23,060	3,190	19,870	460	18,351	105,310	20.5	21,989	20,314	377	20,691
Hawaii.....	509	150	359	4	300	1,235	18.0	222	94	3	197
Idaho.....	788	152	636	80	401	2,269	13.0	236	203	42	245
Ill.....	3,370	700	2,670	140	3,240	10,181	12.8	1,303	1,534	72	1,606
Ind.....	22,430	1,900	20,530	500	16,200	74,297	12.0	8,916	7,193	246	7,439
Iowa.....	8,900	1,160	7,740	340	7,900	26,972	12.6	3,958	3,454	176	3,630
Kans.....	2,185	210	1,975	240	1,725	9,269	15.0	1,854	1,735	168	1,903
Ky.....	2,600	600	2,000	200	1,500	6,157	15.0	1,014	1,898	145	1,984
La.....	2,300	350	1,950	250	1,1147	850	16.5	1,895	3,992	11	3,983
Maine.....	4,500	319	4,181	15	3,773	24,931	17.5	3,482	3,769	77	3,856
Md.....	4,500	410	4,090	100	4,093	20,460	16.5	3,143	3,769	77	3,856
Mass.....	942	81	861	11	708	4,304	15.5	2,438	1,772	8	1,780
Mich.....	5,500	750	4,750	111	3,350	21,202	19.5	2,438	4,298	121	4,409
Minn.....	10,100	1,400	8,700	225	8,575	34,276	19.0	9,539	9,716	167	9,883
Miss.....	8,000	700	7,300	275	7,305	30,204	17.0	6,929	5,719	202	5,921
Mo.....	7,500	1,100	6,400	300	1,888	37,190	8.0	241	186	34	220
Mont.....	2,100	970	1,130	105	380	2,320	9.2	709	542	88	590
Nebr.....	1,500	550	950	200	1,200	5,811	10.0	45	2	2	4
Nev.....	16	4	12	4	480	2,745	16.5	9,021	409	7	506
N.H.....	401	30	371	4	480	2,745	16.5	9,021	409	7	506
N.J.....	962	206	756	92	2,965	11,816	27.0	882	544	124	668
N.M.....	125	18	107	32	780	2,965	7.0	210	207	8	215
N.Mex.....	8,400	1,100	7,300	200	7,475	30,204	12.9	4,014	3,649	129	3,778
N.C.....	1,000	1,000	11,600	500	10,900	67,790	21.6	15,291	14,597	515	15,112
N.D.....	730	170	560	100	2,142	9,848	8.0	1,171	1,848	30	178
N. Dak.....	16,300	2,500	13,800	250	10,500	59,995	13.7	8,196	6,473	154	6,627
Ohio.....	2,900	2,120	10,395	110	1,352	9,540	19.5	2,028	1,860	69	1,929
Okla.....	2,202	310	1,710	100	1,480	5,624	8.0	497	450	32	482
Oreg.....	17,600	10,700	6,900	300	7,900	45,734	16.0	7,317	7,205	230	7,435

R.I.....	225	18	207	2	211	1,226	12	1,161	16.5	202	192	2	194
S.C.....	6,115	720	5,395	300	5,100	24,351	1,115	22,950	20.5	5,192	4,934	236	5,173
S. Dak.....	1,500	210	1,290	50	2,300	13,790	1,585	4,750	7.0	3,069	1,308	11	3,139
Tenn.....	3,300	460	2,850	300	2,350	17,790	1,050	11,750	15.0	2,069	1,763	158	1,921
Tex.....	11,500	1,700	9,800	500	9,300	39,660	1,750	37,200	18.0	7,139	6,696	315	7,011
Utah.....	1,264	165	1,095	50	1,040	4,805	78	4,360	9.0	392	392	7	399
Vt.....	224	22	195	14	1,152	977	67	1,790	16.5	161	130	11	141
Va.....	4,216	800	3,516	350	2,900	19,558	1,400	17,400	20.0	3,912	3,480	280	3,760
Wash.....	4,500	970	3,720	52	3,680	16,403	213	15,088	7.0	1,148	1,056	15	1,071
W. Va.....	1,620	100	1,520	100	500	2,969	400	3,000	15.5	1,460	465	62	527
Wis.....	3,290	480	2,720	160	2,500	13,261	736	12,500	12.5	1,658	1,563	92	1,655
Wyo.....	47	11	36	15	23	162	60	110	12.2	20	13	7	20
U.S.....	289,636	46,129	243,507	9,137	225,297	1,142,190	36,086	1,070,709	15.9	181,592	170,151	5,865	176,016

<sup>1</sup> Excludes broilers. Annual production, disposition, cash receipts, and gross income for chickens are for a Dec. 1 through Nov. 30 marketing year.

<sup>2</sup> Loss during year.

<sup>3</sup> The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in inventory.

Statistical Reporting Service.



Table 504.—Total Poultry Meat: Production in specified countries, 1982-84

Continent and country	1982	1983	1984 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:			
Canada .....	527	537	565
Mexico .....	561	538	560
United States .....	6,997	7,144	7,429
Total .....	8,085	8,219	8,554
South America:			
Argentina .....	218	214	245
Brazil .....	1,596	1,580	1,450
Venezuela .....	304	290	332
Total .....	2,118	2,084	2,027
Europe:			
Belgium and Luxembourg .....	140	144	148
Denmark .....	110	112	111
France .....	1,330	1,284	1,257
Germany, Fed. Rep. of .....	379	344	350
Greece .....	156	153	152
Ireland .....	53	55	53
Italy .....	976	977	948
Netherlands .....	419	399	411
United Kingdom .....	805	825	845
Total EC .....	4,368	4,293	4,275
Austria .....	66	67	71
Finland .....	16	19	20
Portugal .....	150	162	150
Spain .....	849	813	800
Sweden .....	48	47	44
Switzerland .....	24	25	25
Total other Western Europe .....	1,153	1,133	1,110
Bulgaria .....	154	165	160
Czechoslovakia .....	188	184	168
Germany, Dem. Rep. ....	150	150	150
Hungary .....	375	390	360
Poland .....	194	196	264
Romania .....	411	394	422
Yugoslavia .....	282	287	300
Total Eastern Europe .....	1,754	1,766	1,824
Total Europe .....	7,275	7,192	7,209
Soviet Union .....	2,425	2,596	2,675
Africa:			
Egypt .....	148	158	165
South Africa .....	401	469	480
Total Africa .....	549	570	645
Asia, Middle East, and Oceania:			
Australia .....	280	312	292
Hong Kong .....	50	47	51
Iraq .....	95	145	160
Israel .....	164	188	203
Japan .....	1,209	1,257	1,333
Korea .....	135	157	155
Kuwait .....	15	18	20
Saudi Arabia .....	80	150	175
Syria .....	78	83	80
Taiwan .....	293	352	350
United Arab Emirates .....	5	5	6
Yemen .....	2	2	2
Total .....	2,406	2,716	2,827
Grand total .....	22,858	23,434	23,937

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 505.—Chickens: Production, disposition, cash receipts, and gross income, United States, 1970-84 <sup>1</sup>**

Year	Number				
	Raised	Lost <sup>2</sup>	Produced <sup>3</sup>	Consumed on production units	Sold
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1970 <sup>4</sup>	324,483	60,614	263,869	19,369	233,316
1971	316,755	58,507	258,248	17,808	251,957
1972	291,352	58,045	233,307	16,110	234,769
1973	298,826	47,769	251,057	14,658	231,821
1974	288,353	46,235	242,118	14,421	252,365
1975	276,035	43,210	232,825	13,451	223,721
1976	270,678	42,077	228,601	12,775	217,219
1977	288,162	42,775	245,387	12,164	225,066
1978	283,066	41,371	241,695	11,420	219,860
1979 <sup>5</sup>	293,260	42,545	250,715	11,207	235,856
1980	285,057	44,421	240,636	10,795	238,495
1981	282,953	40,468	242,485	10,502	238,576
1982	281,365	35,191	246,174	10,266	242,027
1983	272,551	40,835	231,716	9,345	236,710
1984 <sup>6</sup>	289,636	46,129	243,507	9,137	225,297

  

Year	Pounds (live weight)			Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on production units	Gross income
	Produced	Consumed on production units	Sold					
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1970 <sup>4</sup>	1,190,105	73,409	1,120,603	9.1	107,178	102,279	6,356	108,635
1971	1,211,567	67,941	1,192,639	7.8	94,751	98,876	5,262	98,138
1972	1,117,816	61,724	1,128,813	8.9	100,457	100,634	5,155	105,789
1973	1,172,220	56,245	1,121,546	15.1	176,454	169,495	7,878	177,373
1974	1,186,148	55,162	1,202,562	9.7	114,896	116,414	5,213	121,627
1975	1,066,512	51,393	1,047,000	9.9	104,669	104,093	5,175	109,268
1976	1,108,914	49,595	1,046,091	13.0	144,981	135,539	6,279	141,818
1977	1,171,656	47,491	1,082,313	12.3	145,429	132,675	5,706	138,381
1978	1,136,231	44,606	1,050,474	12.4	141,840	130,048	5,476	135,524
1979 <sup>5</sup>	1,216,156	43,802	1,147,638	13.9	170,593	160,088	6,084	166,172
1980	1,177,554	41,776	1,167,017	11.0	128,698	128,268	4,539	132,807
1981	1,214,886	41,443	1,187,255	11.1	135,282	132,271	4,508	136,779
1982	1,171,585	40,399	1,158,703	10.3	121,021	118,915	4,080	122,995
1983	1,137,215	36,820	1,158,551	12.7	145,327	147,454	4,670	152,124
1984 <sup>6</sup>	1,142,190	36,086	1,070,709	15.9	181,592	170,151	5,865	176,016

<sup>1</sup> Excludes broiler production.<sup>2</sup> Loss during year.<sup>3</sup> The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in inventory.<sup>4</sup> Annual production, disposition, cash receipts, and gross income estimates for chickens were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.<sup>5</sup> Included are layers destroyed of possible PCB contamination.<sup>6</sup> Preliminary.

Statistical Reporting Service.

Table 506.—Chickens and turkeys: Participation in the National Poultry and Turkey Improvement Plans, by States 1983<sup>1</sup>

State	National Poultry Improvement Plan				National Turkey Improvement Plan			
	Hatcheries		Supply flocks		Hatcheries		Supply flocks	
	Number	Egg capacity	Flocks	Birds	Number	Egg capacity	Flocks	Birds
		Thou- sands	Number	Thou- sands		Thou- sands	Number	Thou- sands
Ala.....	45	59,907	530	6,414				
Ariz.....								
Ark.....	39	42,248	335	2,256	2	1,205	12	82
Calif.....	4	( <sup>2</sup> )	19	241	8	( <sup>2</sup> )	128	488
Colo.....	2	389	11	10	2	945	15	49
Conn.....	7	2,233	205	421				
Del.....	( <sup>2</sup> )	( <sup>2</sup> )	41	292				
Fla.....	41	17,250	180	1,370	3	442	1	( <sup>3</sup> )
Ga.....	39	60,168	599	7,052	1	325	6	22
Idaho.....	2	1,158	2	64				
Ill.....	88	3,143	109	372	1	212	1	6
Ind.....	38	8,520	215	553	1	350		
Iowa.....	23	6,390	74	239	3	674	24	93
Kans.....	9	1,164	87	22	2	561	2	18
Ky.....	4	1,364	15	93				
La.....	71	5,286	109	806				
Maine.....	3	3,716	81	50			9	( <sup>3</sup> )
Md.....	12	31,471	748	1,042	1	10	4	1
Mass.....	8	1,882	276	229			10	2
Mich.....	4	866	20	88	1	617	6	24
Minn.....	39	6,041	87	371	9	8,140	105	508
Miss.....	89	29,915	338	3,053				
Mo.....	14	4,631	266	133	5	2,331	55	272
Mont.....	2	7	4	11				
Nebr.....	15	1,397	69	25			2	14
Nev.....								
N.H.....	2	1,242	56	150	1	58	3	1
N.J.....	8	2,164			1	62		
N. Mex.....	3	224			1	32		
N.Y.....	24	1,492	54	57	1	40	1	1
N.C.....	40	48,595	780	7,595	8	4,200	130	504
N. Dak.....	2	96						
Ohio.....	19	2,461	247	79	4	2,025	18	118
Okla.....	20	5,226	207	596	2	374		
Oreg.....	14	3,864	16	79	4	608	3	12
Pa.....	73	28,322	164	882	6	580	3	( <sup>3</sup> )
R.I.....			7	1	1	20		
S.C.....	9	3,492	186	280	1	832	2	( <sup>3</sup> )
S. Dak.....	11	1,302	23	39	1	32		
Tenn.....	29	644	31	83				
Tex.....	23	7,640	38	167	2	646	15	88
Utah.....	1	500	1	20	2	810	4	36
Vt.....			3	27				
Va.....	6	9,760	257	516	3	1,788	38	153
Wash.....	7	2,395	28	143			1	3
W. Va.....	4	1,689			1	54		
Wis.....	30	13,236	25	207	3	976	2	95
Wyo.....								
U.S.....	923	423,490	6,543	36,128	81	28,949	600	2,592

<sup>1</sup> Year beginning July 1, 1983.<sup>2</sup> Not reported.<sup>3</sup> Less than 1,000 birds.

Animal and Plant Health Inspection Service.

**Table 507.—Chickens: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1970-84**

Year	Production			Com- mercial storage at begin- ning of year	Exports and ship- ments to ter- ritories	Com- mercial storage at end of year	Consumption		
	Com- mercial broilers	Other chickens	Total <sup>1</sup>				Military	Civilian	
								Total <sup>1</sup>	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	
1970.....	7,687	778	8,464	110	182	164	69	8,160	40.4
1971.....	7,724	792	8,516	164	201	148	75	8,255	40.3
1972.....	8,147	740	8,887	148	206	111	52	8,667	41.8
1973.....	8,025	736	8,760	111	203	147	47	8,474	40.4
1974.....	8,126	789	8,915	147	235	175	34	8,618	40.7
1975.....	8,127	696	8,823	175	273	115	39	8,571	40.1
1976.....	9,067	684	9,752	115	451	155	33	9,228	42.7
1977.....	9,418	700	10,118	155	481	139	25	9,627	44.1
1978.....	10,129	665	10,793	139	505	102	32	10,293	46.7
1979.....	11,219	731	11,950	102	597	142	33	11,279	50.6
1980.....	11,353	756	12,109	142	781	136	38	11,295	50.1
1981.....	11,985	757	12,742	136	874	149	36	11,774	51.7
1982.....	12,167	744	12,912	149	675	135	36	12,215	53.1
1983.....	12,400	717	13,117	135	591	113	36	12,512	53.8
1984 <sup>2</sup> .....	13,010	696	13,707	113	580	139	36	13,065	55.7

<sup>1</sup> Totals may not add due to rounding.    <sup>2</sup> Preliminary.  
Economic Research Service.

**Table 508.—Chickens: Broiler production and value, United States, 1970-84<sup>1</sup>**

Year	Production		Price per pound <sup>2</sup>	Value of production <sup>3</sup>	Year	Production		Price per pound <sup>2</sup>	Value of production <sup>3</sup>
	Number	Weight				Number	Weight		
	<i>Thou- sands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Thou- sands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1970 <sup>4</sup>	2,986,769	10,818,916	13.6	1,474,710	1978	3,613,647	13,999,702	26.3	3,675,628
1971	2,945,348	10,817,657	13.8	1,487,077	1979	3,951,291	15,521,728	26.0	4,031,945
1972	3,074,921	11,480,101	14.1	1,622,638	1980	3,963,211	15,538,573	27.7	4,302,818
1973	3,008,667	11,219,885	24.0	2,690,362	1981	4,147,521	16,519,568	28.4	4,699,379
1974	2,992,820	11,320,396	21.5	2,436,224	1982	4,148,970	16,759,860	26.9	4,502,214
1975	2,950,099	11,096,015	26.3	2,915,017	1983	4,183,660	17,037,998	28.6	4,872,707
1976	3,273,556	12,481,136	23.6	2,945,058	1984 <sup>5</sup>	4,282,391	17,854,788	33.7	6,014,528
1977	3,393,897	12,961,942	23.6	3,059,497					

<sup>1</sup> Broilers are young chickens of the heavy breeds and other meat-type birds, to be marketed at 2-5 pounds live weight, and from which no pullets are kept for egg production. These figures are not included in farm production of chickens.

<sup>2</sup> Live weight equivalent price.

<sup>3</sup> Includes value of consumption in households of producers, which is less than 1 percent of total production.

<sup>4</sup> Commercial broilers were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.

<sup>5</sup> Preliminary.

Statistical Reporting Service.



Table 509.—Chickens: Broiler production and gross income, by States, 1983 and 1984 <sup>1</sup>

State	1983				1984 <sup>4</sup>			
	Production		Price per pound <sup>2</sup>	Value of production <sup>3</sup>	Production		Price per pound <sup>2</sup>	Value of production <sup>3</sup>
	Number	Weight			Number	Weight		
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
Ala.....	515,729	2,011,343	27.5	553,119	536,580	2,146,320	32.0	686,822
Ark.....	673,136	2,557,917	28.5	729,006	724,964	2,899,856	34.5	1,000,450
Calif.....	171,622	789,461	32.0	252,628	175,469	824,704	36.0	296,894
Del.....	181,862	872,938	31.0	270,611	189,615	929,114	36.5	339,126
Fla.....	97,378	389,512	27.5	107,116	96,150	394,215	32.0	126,149
Ga.....	626,551	2,506,204	27.0	676,675	636,785	2,610,819	32.0	835,462
Hawaii.....	2,891	10,697	50.0	5,348	2,647	9,794	51.0	4,995
Iowa.....	2,600	19,500	36.0	7,020	2,100	16,800	36.0	6,048
Ky.....	3,054	10,689	27.5	2,939	2,994	17,665	32.0	5,653
Md.....	260,477	1,067,956	31.0	331,066	271,168	1,111,789	36.5	405,803
Mich.....	1,130	4,633	30.0	1,390	1,130	4,746	33.0	1,566
Minn.....	24,400	112,240	27.5	30,866	25,600	120,320	32.5	39,104
Miss.....	316,304	1,265,216	29.5	373,239	312,170	1,279,897	35.0	447,964
Nebr.....	1,250	4,875	41.0	1,999	1,050	4,515	39.0	1,761
N.Y.....	610	2,684	29.0	778	670	2,948	35.0	1,032
N.C.....	419,740	1,804,882	27.0	487,318	428,260	1,884,344	32.0	602,990
Ohio.....	11,000	44,000	26.0	11,440	9,000	37,800	29.0	10,962
Okla.....	55,230	209,874	29.0	60,863	60,530	236,067	33.5	79,082
Oreg.....	13,000	58,500	35.5	20,768	13,400	60,300	35.0	21,105
Pa.....	102,642	420,832	28.0	117,833	89,435	366,684	33.0	121,006
S.C.....	52,167	193,018	27.5	53,080	57,175	211,548	32.5	68,753
Tex.....	212,600	871,660	30.0	261,498	200,500	842,100	35.0	294,735
Va.....	144,041	619,376	27.5	170,328	147,829	635,665	33.5	212,948
Wash.....	20,500	90,200	33.0	29,766	21,700	95,480	37.5	35,805
W. Va.....	28,594	105,798	32.0	33,855	26,020	96,274	37.0	35,621
Wis.....	11,270	46,207	27.5	12,707	11,500	48,300	31.0	14,973
Other States <sup>5</sup> .....	233,882	947,787	28.4	269,449	237,950	966,727	32.9	317,719
Total.....	4,183,660	17,037,999	28.6	4,872,707	4,282,391	17,854,788	33.7	6,014,528

<sup>1</sup> Commercial broiler production including other meat-type breeds; excludes States producing less than 500,000 birds. Estimates of commercial broilers are for a Dec. 1 through Nov. 30 marketing year. <sup>2</sup> Live-weight equivalent price. <sup>3</sup> Value income including home consumption. <sup>4</sup> Preliminary. <sup>5</sup> Included are broilers destroyed due to the outbreak of Avian Influenza in 1983.  
Statistical Reporting Service.

Table 510.—Chicks hatched by commercial hatcheries: Number, average price, and value, United States, 1970–84

Year	Chicks hatched			Average price of baby chicks per 100	Value of chick production
	Broiler-type	Egg-type	All		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	3,189,169	571,142	3,695,425	11.2	385,643
1971.....	3,167,952	527,473	3,760,311	11.6	405,314
1972.....	3,267,457	491,354	3,758,811	11.1	389,593
1973.....	3,206,986	534,256	3,741,242	12.7	441,968
1974.....	3,104,430	473,403	3,557,833	14.1	473,759
1975.....	3,169,071	453,804	3,622,875	14.6	493,198
1976.....	3,488,326	492,180	3,980,506	15.4	568,957
1977.....	3,636,672	501,913	4,138,585	15.8	612,591
1978.....	3,879,339	491,578	4,370,917	16.3	667,723
1979.....	4,197,758	518,953	4,716,711	16.8	749,572
1980.....	4,280,338	484,622	4,764,960	17.1	777,664
1981.....	4,416,641	454,175	4,870,816	18.1	843,926
1982.....	4,445,583	444,420	4,890,003	18.2	854,091
1983.....	4,446,999	406,935	4,853,934	18.3	851,142
1984.....	4,593,930	458,530	5,052,460	19.2	930,487

Statistical Reporting Service.

**Table 511.—Chicks hatched by commercial hatcheries: Number and average price, by regions, 1983 and 1984**

Region <sup>1</sup>	Broiler-type chicks				Egg-type chicks			
	Hatched		Average price per 100		Hatched		Average price per 100	
	1983	1984	1983	1984	1983	1984	1983	1984
	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>
Northeast.....	598,144	619,615	17.40	18.80	74,866	64,957	43.60	46.30
Lake States.....	39,183	40,518	36.40	36.40	33,383	39,737	45.50	48.00
Corn Belt.....	61,902	63,985	38.70	36.60	86,109	106,624	51.40	51.10
Appalachian.....	650,357	664,767	12.50	14.50	21,383	29,699	47.10	50.60
Southeast.....	1,444,458	1,496,025	12.00	12.30	70,631	93,891	62.70	59.50
Delta States.....	1,159,026	1,201,202	15.00	15.50	38,327	34,504	35.90	36.00
Southern Plains....	267,281	281,772	39.20	38.90	11,131	10,151	55.70	59.30
Pacific.....	219,868	223,902	33.30	34.00	50,754	58,427	54.10	55.80
U.S. <sup>2</sup> .....	4,446,999	4,593,930	16.70	17.50	406,935	458,530	50.50	50.80

<sup>1</sup> Northeast—New England, Delaware, Maryland, New Jersey, New York, Pennsylvania; Lake States—Michigan, Minnesota, Wisconsin; Corn Belt—Illinois, Indiana, Iowa, Missouri, Ohio; Appalachian—Kentucky, North Carolina, Tennessee, Virginia, West Virginia; Southeast—Alabama, Florida, Georgia, South Carolina; Delta States—Arkansas, Mississippi, Louisiana; Southern Plains—Oklahoma, Texas; Pacific—California, Oregon, Washington.

<sup>2</sup> Includes other regions not published separately.

Statistical Reporting Service.

**Table 512.—Poultry: Feed-price ratios, and poultry ration cost, United States, 1970–84**

Year	Ratios <sup>1</sup>			Year	Ratios <sup>1</sup>		
	Egg-feed	Broiler-feed	Turkey-feed		Egg-feed	Broiler-feed	Turkey-feed
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1970.....	2 9.0	2 2.9	5.0	1978.....	6.9	3.1	4.6
1971.....	7.2	2.8	4.6	1979.....	7.0	2.8	4.2
1972.....	7.1	2.9	4.5	1980.....	6.1	2.7	3.6
1973.....	7.9	3.2	4.4	1981.....	6.0	2.5	3.1
1974.....	7.0	2.6	3.3	1982.....	6.2	2.6	3.3
1975.....	7.0	3.2	4.0	1983.....	6.0	2.6	3.0
1976.....	7.8	2.8	3.7	1984.....	6.9	2.9	3.9
1977.....	7.3	2.7	3.8				

<sup>1</sup> Number of pounds of poultry feed equivalent in value at local market prices to 1 dozen eggs, or 1 pound of chicken or turkey live weight. Simple average of monthly ratios.

<sup>2</sup> Beginning 1970, ratio computed on a December through November marketing year rather than a calendar year.

Statistical Reporting Service.

**Table 513.—Poultry: Slaughtered under Federal inspection, United States, by classes, 1982-84**

Class	Number inspected			Pounds inspected (live weight)		
	1982	1983	1984	1982	1983	1984
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	4,068,116	4,132,835	4,272,328	16,456,531	16,893,860	17,800,956
Mature chickens.....	201,843	177,860	186,672	899,494	804,671	834,168
Total chickens.....	4,269,959	4,310,695	4,459,000	17,356,025	17,698,531	18,635,124
Young turkeys.....	153,331	159,385	159,661	3,003,980	3,156,641	3,187,169
Old turkeys.....	1,308	1,192	1,218	27,734	25,546	25,906
Fryer-roaster turkeys.....	5,737	4,382	2,740	53,430	40,462	26,102
Total turkeys.....	160,376	164,959	163,619	3,085,144	3,222,649	3,239,177
Ducks.....	19,834	20,516	20,160	125,491	128,436	128,240
Other poultry.....				6,931	7,934	7,253
Total poultry.....				20,573,591	21,057,550	22,009,794

  

Class	Pounds certified (ready-to-cook)			Pounds condemned		
	1982	1983	1984	Ante-mortem (live weight)		
				1982	1983	1984
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	12,039,023	12,388,980	12,998,613	48,130	48,712	56,270
Mature chickens.....	555,646	500,932	514,872	10,889	9,586	10,073
Total chickens.....	12,594,669	12,889,912	13,513,485	59,019	58,298	66,343
Young turkeys.....	2,395,343	2,511,386	2,534,100	7,275	7,885	8,206
Old turkeys.....	21,526	19,923	19,947	176	183	189
Fryer-roaster turkeys.....	42,021	31,801	20,048	125	47	54
Total turkeys.....	2,458,890	2,563,110	2,574,095	7,576	8,115	8,449
Ducks.....	87,861	89,389	89,159	152	127	139
Other poultry.....	4,271	4,859	4,320	8	15	15
Total poultry.....	15,145,691	15,547,270	16,181,059	66,755	66,555	74,946

  

Class	Pounds condemned—Continued		
	Post-mortem (New York dressed weight)		
	1982	1983	1984
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	219,933	220,097	238,464
Mature chickens.....	28,511	26,063	29,791
Total chickens.....	248,444	246,160	268,235
Young turkeys.....	46,392	49,745	50,798
Old turkeys.....	1,119	949	921
Fryer-roaster turkeys.....	488	387	369
Total turkeys.....	47,999	51,081	52,088
Ducks.....	1,891	2,078	1,740
Other poultry.....	56	85	57
Total poultry.....	298,390	299,404	322,140

Statistical Reporting Service.

**Table 514.—Poultry: Inspected for further processing and cut up under Federal inspection, United States, 1970-84**

Year	Young chickens		Mature chickens		Turkeys			Other poultry <sup>1</sup>		Total poultry	
	Further proc- essed	Cut up	Further proc- essed	Cut up	Further processed		Cut up	Further proc- essed <sup>3</sup>	Cut up	Further proc- essed	Cut up
					Whole <sup>2</sup>	Other					
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1970.....	337,292	1,842,594	392,404	8,608		479,427	190,713	83,274	2,230	1,292,397	2,044,145
1971.....	382,804	2,056,747	427,977	5,445		562,493	198,299	85,213	3,502	1,458,487	2,263,993
1972.....	436,999	2,316,644	465,675	5,735		639,112	299,777	96,637	2,575	1,638,423	2,624,731
1973.....	485,339	2,443,143	481,253	5,413		790,841	262,702	115,121	1,446	1,872,554	2,712,704
1974.....	495,659	2,465,624	423,278	6,885	386,953	509,397	295,444	89,722	706	1,905,009	2,768,659
1975.....	540,640	2,582,072	356,247	9,926	371,623	536,224	312,764	87,500	483	1,892,234	2,905,245
1976.....	643,443	3,113,600	435,859	8,202	446,215	607,724	387,067	117,270	684	2,250,511	3,509,553
1977.....	715,839	3,521,522	417,921	10,495	459,294	665,452	426,125	129,547	2,115	2,388,053	3,960,257
1978.....	830,229	3,717,089	453,299	10,898	500,892	710,438	466,067	127,358	2,339	2,622,216	4,196,393
1979.....	989,120	3,988,043	472,933	4,260	537,739	799,653	525,905	138,212	1,174	2,937,657	4,519,382
1980.....	1,219,925	4,882,312	518,036	5,123	671,124	952,774	655,797	204,658	2,281	3,566,517	5,545,513
1981.....	1,352,259	5,237,755	503,546	15,183	705,498	984,606	701,267	275,850	2,239	3,821,759	5,956,444
1982.....	1,510,095	5,791,426	496,935	23,107	747,421	1,003,939	733,976	324,967	2,569	4,083,357	6,551,078
1983.....	1,846,364	6,439,971	550,316	26,495	708,678	1,144,446	809,195	360,564	15,168	4,610,368	7,290,829
1984.....	2,192,917	6,761,109	549,366	5,950	648,992	1,248,625	942,065	372,948	12,646	5,012,848	7,721,770

<sup>1</sup> Poultry parts and fat used in further processing that cannot be identified by class are included in "Other poultry."

<sup>2</sup> Whole carcass turkeys which have been injected, basted, marinated, smoked, or barbecued, and packaged as such. Beginning 1974, "Whole" and "Other" estimated separately.

<sup>3</sup> Includes whole carcass turkeys.

Statistical Reporting Service.

**Table 515.—Poultry and poultry products: Cold-storage holdings, first of month, United States, 1983-84**

Month	Shell eggs		Frozen eggs		Turkeys		Total poultry <sup>2</sup>	
	1983	1984	1983 <sup>1</sup>	1984	1983 <sup>1</sup>	1984	1983 <sup>1</sup>	1984
	1,000 cases	1,000 cases	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	35	28	25,454	10,972	193,832	161,467	329,104	275,846
February.....	25	17	25,702	11,361	187,688	145,767	312,637	250,746
March.....	18	36	23,076	11,999	185,328	144,358	325,717	254,684
April.....	23	35	22,481	12,674	192,271	142,224	333,307	265,004
May.....	32	41	21,200	12,836	210,463	180,935	345,323	301,777
June.....	44	42	21,137	16,365	255,736	226,296	405,601	352,220
July.....	24	29	20,418	17,534	323,463	278,246	480,195	416,888
August.....	25	31	19,030	16,575	384,304	331,332	532,308	476,096
September.....	25	23	16,432	16,723	432,185	390,558	578,014	526,672
October.....	45	37	14,229	17,921	460,076	415,431	601,044	554,895
November.....	18	35	13,398	16,187	251,560	195,650	375,967	329,505
December.....	13	31	11,781	13,392	161,753	125,320	280,605	266,796

<sup>1</sup> Includes stocks of turkeys and other poultry.

Statistical Reporting Service.



**Table 516.—Chickens and turkeys: Number classified as "U.S. Pullorum-Typhoid Clean," and number and percentage of reactors, United States, 1970-83**

Year beginning July	Chicken tests				Turkey tests			
	States reporting	Chickens in tested flocks (first test)	Reactors		States reporting	Turkeys in tested flocks (first test)	Reactors	
			Number	Percent			Number	Percent
1970.....	45	38,049	107	0.0007	45	3,382,259	0	0.0000
1971.....	46	32,233	55	.0005	46	3,086,063	0	.0000
1972.....	47	23,925	87	.0009	47	3,191,301	0	.0000
1973.....	47	26,744	88	.0012	47	3,256,168	0	.0000
1974.....	47	25,133	165	.0029	47	2,888,688	0	.0000
1975.....	47	26,699	38	.0008	47	2,891,148	0	.0000
1976.....	47	28,846	90	.0019	47	2,693,782	0	.0000
1977.....	47	30,313	12	.0002	47	2,496,872	0	.0000
1978.....	47	33,506	1	.0000	47	2,984,142	0	.0000
1979.....	47	36,112	41	.0011	47	3,256,844	0	.0000
1980.....	47	35,767	97	.0032	47	3,172,056	0	.0000
1981.....	47	36,024	14	.0004	47	3,135,338	0	.0000
1982.....	47	36,565	344	.0127	47	2,846,709	0	.0000
1983.....	47	36,128	0	.0000	47	2,592,421	0	.0000

Animal and Plant Health Inspection Service.

**Table 517.—Turkey breeder hens: Number, value per head, and total value, by States, Dec. 1, 1982-84**

State	Number			Value per head			Total value		
	1982	1983	1984	1982	1983	1984	1982	1983	1984
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Calif.....	525	420	500	16.00	22.00	18.00	8,400	9,240	9,000
Ga.....	58	60	34	20.00	17.00	16.00	1,160	1,020	544
Iowa.....	155	( <sup>1</sup> )	( <sup>1</sup> )	19.50	( <sup>1</sup> )	( <sup>1</sup> )	3,023	( <sup>1</sup> )	( <sup>1</sup> )
Mich.....	45	38	38	14.00	15.00	17.00	630	570	646
Minn.....	523	443	447	15.70	21.60	20.00	8,211	9,569	8,940
Mo.....	290	300	320	15.00	20.00	20.00	4,350	6,000	6,400
N.C.....	750	700	740	10.90	13.90	12.00	8,175	9,730	8,880
Ohio.....	160	( <sup>1</sup> )	( <sup>1</sup> )	16.00	( <sup>1</sup> )	( <sup>1</sup> )	2,560	( <sup>1</sup> )	( <sup>1</sup> )
Pa.....	43	113	51	20.00	24.00	25.00	860	2,712	1,275
Tex.....	310	155	( <sup>1</sup> )	15.00	17.00	( <sup>1</sup> )	4,650	2,635	( <sup>1</sup> )
Va.....	182	162	138	14.90	16.80	18.60	2,712	2,722	2,570
Other States <sup>1</sup> .....	388	764	891	13.72	14.79	15.70	5,322	11,302	13,989
Total <sup>2</sup> .....	3,429	3,155	3,159	14.60	17.59	16.54	50,053	55,500	52,244

<sup>1</sup> Arkansas, Colorado, Illinois, Iowa, Kansas, Nebraska, New York, Ohio, Oregon, South Dakota, Utah, Wisconsin and West Virginia combined to avoid disclosing individual operations.

<sup>2</sup> Major producing States.

Statistical Reporting Service.

Table 518.—Turkey breeder hens: Number, value per head, and total value, Dec. 1, 1970–84 <sup>1</sup>

Year	Num-ber	Value per head	Total value	Year	Num-ber	Value per head	Total value	Year	Num-ber	Value per head	Total value
	<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1970.....	3,173	5.82	18,459	1975.....	3,014	10.81	32,580	1980.....	3,749	14.11	52,887
1971.....	2,999	6.18	18,524	1976.....	3,069	11.13	34,168	1981.....	3,514	15.35	53,962
1972.....	3,135	6.46	20,242	1977.....	3,038	11.39	34,617	1982.....	3,429	14.60	50,053
1973.....	3,148	9.47	32,378	1978.....	3,370	12.53	42,222	1983.....	3,155	17.59	55,500
1974.....	2,970	9.81	29,126	1979.....	3,705	13.57	50,288	1984 <sup>2</sup> .....	3,159	16.54	52,244

<sup>1</sup> Major producing States    <sup>2</sup> Preliminary. Estimates of Turkey Breeder Hens are terminated with 1984 data. Statistical Reporting Service.

Table 519.—Turkeys: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1970–84

Year	Production	Commer- cial storage at beginning of year	Exports and shipments to territories	Commer- cial storage at end of year	Consumption		
					Military	Civilian	
						Total <sup>1</sup>	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1970.....	1,729	192	43	219	49	1,610	8.0
1971.....	1,772	219	27	223	41	1,700	8.3
1972.....	1,909	223	42	208	42	1,840	8.9
1973.....	1,933	208	54	281	31	1,775	8.5
1974.....	1,921	281	43	275	14	1,870	8.8
1975.....	1,803	275	53	195	19	1,811	8.5
1976.....	2,059	195	71	203	18	1,961	9.1
1977.....	2,023	203	56	168	11	1,992	9.1
1978.....	2,098	168	57	175	15	2,019	9.1
1979.....	2,344	175	57	240	19	2,204	9.9
1980.....	2,432	240	81	198	16	2,376	10.5
1981.....	2,577	198	68	238	15	2,454	10.8
1982.....	2,522	238	56	204	12	2,488	10.8
1983.....	2,649	204	54	162	13	2,624	11.3
1984 <sup>2</sup> .....	2,685	162	33	125	13	2,676	11.4

<sup>1</sup> Totals may not add due to rounding.

<sup>2</sup> Preliminary.

Economic Research Service.

Table 520.—Turkeys: Production, and value, United States, 1970–84

Year	Number raised <sup>1</sup>	Pounds (live weight) produced	Price per pound live weight	Value of production
	<i>Thou-sands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1970.....	116,183	2,197,916	22.6	497,815
1971.....	119,657	2,255,614	22.1	499,576
1972.....	128,664	2,423,618	22.2	536,945
1973.....	132,231	2,451,848	38.2	935,882
1974.....	131,909	2,437,121	28.0	683,164
1975.....	124,165	2,276,504	34.8	793,271
1976.....	140,021	2,606,265	31.7	825,095
1977.....	136,390	2,562,825	35.5	910,396
1978.....	138,939	2,654,788	43.6	1,157,200
1979.....	156,457	2,957,612	41.1	1,214,357
1980.....	165,243	3,076,858	41.3	1,271,637
1981.....	170,875	3,264,463	38.2	1,247,803
1982.....	165,464	3,175,060	39.5	1,254,700
1983.....	170,723	3,335,519	38.0	1,269,057
1984 <sup>2</sup> .....	171,321	3,385,721	48.9	1,655,463

See footnotes on page 362.

Table 521.—Turkeys: Production and value, by States, 1984

State	Number raised <sup>1</sup>	Pounds produced <sup>2</sup>	Price per pound <sup>3</sup>	Value of production
	<i>1,000 head</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
Ark.....	14,366	267,208	46.0	122,915
Calif.....	19,730	424,195	42.0	178,162
Conn.....	31	645	80.0	516
Del.....	64	1,408	49.0	690
Ga.....	2,582	72,038	48.0	34,578
Ill.....	290	5,858	41.0	2,402
Ind.....	6,310	116,104	65.0	75,468
Iowa.....	5,800	132,820	46.0	61,097
Kans.....	100	2,000	57.0	1,140
Md.....	100	2,000	49.0	980
Mass.....	152	3,314	83.0	2,750
Mich.....	2,100	52,500	53.0	27,825
Minn.....	28,500	499,605	46.0	229,818
Mo.....	12,000	225,600	46.0	103,776
Nebr.....	639	12,141	42.0	5,099
N.H.....	27	540	96.0	518
N.J.....	88	1,901	93.0	1,768
N.Y.....	329	5,790	48.0	2,779
N.C.....	30,400	550,240	52.0	286,125
N. Dak.....	870	17,052	44.0	7,503
Ohio.....	2,800	71,120	50.0	35,560
Oreg.....	925	17,483	44.0	7,692
Pa.....	6,100	109,800	59.0	64,782
S.C.....	2,194	61,213	51.0	31,218
S. Dak.....	1,522	38,050	46.0	17,503
Utah.....	2,387	54,424	59.0	32,110
Va.....	10,795	198,628	51.0	101,300
W. Va.....	2,300	45,540	51.0	23,225
Wis.....	6,120	139,536	48.0	66,977
Other States <sup>4</sup> .....	11,700	256,970	50.3	129,185
U.S.....	171,321	3,385,721	48.9	1,655,463

<sup>1</sup> Based on turkeys hatched from Sept. 1, 1983 through Aug. 31, 1984. Excludes young turkeys lost.

<sup>2</sup> Includes home consumption.

<sup>3</sup> Live-weight equivalent price.

<sup>4</sup> Colo., Okla., and Tex. combined to avoid disclosing individual operations.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 520

<sup>1</sup> Total poults hatched less death loss of poults and young turkeys during the year.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 522.—Turkeys: Poults hatched by commercial hatcheries, by breeds, United States, 1970–84

Year	Total all heavy breeds <sup>1</sup>	Light breeds <sup>2</sup>	Total all breeds
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1970.....	116,021	13,722	129,743
1971.....	115,379	13,224	128,603
1972.....	125,512	16,067	141,579
1973.....	128,906	16,679	145,585
1974.....	125,559	14,420	140,019
1975.....	121,158	15,918	137,076
1976.....	130,980	18,494	149,474
1977.....	136,029	12,354	148,383
1978.....	148,838	8,689	157,527
1979.....	166,014	13,955	179,969
1980.....	171,842	16,824	188,666
1981.....	176,939	10,395	187,334
1982.....	176,769	7,472	184,241
1983 <sup>3</sup> .....	176,253	5,869	182,122
1984.....	( <sup>4</sup> )	( <sup>4</sup> )	184,238

<sup>1</sup> Birds for which the normal mature marketing live weight is 12 pounds or over.<sup>2</sup> Birds for which the normal mature marketing live weight is less than 12 pounds.<sup>3</sup> Poults placed and excludes exported poults.<sup>4</sup> Heavy breeds and light breeds not published.

Statistical Reporting Service.

Table 523.—Turkeys: Poults placed by commercial hatcheries, U.S. and regions, 1983 and 1984

Month	United States			1984					
	1983	1984	1984 as percent of 1983	North Atlantic	East North Central	West North Central	South Atlantic	South Central	West
	Thous.	Thous.	Percent	Thous.	Thous.	Thous.	Thous.	Thous.	Thous.
All Breeds:									
Jan.....	13,895	14,038	101	205	1,206	3,937	4,441	1,658	2,591
Feb.....	15,185	15,304	101	232	1,279	4,867	4,345	1,665	2,916
Mar.....	18,822	18,433	98	537	1,978	6,615	4,075	1,914	3,314
Apr.....	19,764	19,143	97	606	1,997	6,977	4,446	1,869	3,248
May.....	20,885	21,243	102	711	2,256	7,892	4,835	1,900	3,649
June.....	21,027	20,388	97	665	2,391	7,490	4,647	1,888	3,307
July.....	19,233	18,739	97	358	1,952	7,004	4,711	1,583	3,131
Aug.....	12,578	13,491	107	179	1,574	4,086	4,449	837	2,366
Sept.....	8,086	8,732	108	73	1,131	2,176	3,407	448	1,497
Oct.....	9,202	10,741	117	115	1,236	2,708	4,411	796	1,475
Nov.....	10,969	11,919	109	98	1,347	3,360	4,041	1,419	1,654
Dec.....	12,476	12,067	97	137	1,318	3,305	3,868	1,388	2,051
Total.....	182,122	184,238	101	3,916	19,665	60,417	51,676	17,365	31,199

Statistical Reporting Service.



Table 524.—Eggs: Number of hens and pullets, rate of lay, and production, by States, 1983 and 1984<sup>1</sup>

State	1983			1984		
	Hens and pullets, average number during year	Rate of lay per layer during year <sup>2</sup>	Eggs produced	Hens and pullets, average number during year	Rate of lay per layer during year <sup>2</sup>	Eggs produced
	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>
Ala.....	11,501	245	2,813	11,533	241	2,783
Alaska.....	62	252	15.6	57	239	13.6
Ariz.....	406	251	102	401	262	105
Ark.....	15,603	243	3,786	14,831	240	3,560
Calif.....	33,396	245	8,173	34,305	243	8,325
Colo.....	2,570	241	619	2,701	236	637
Conn.....	4,376	245	1,073	4,747	253	1,199
Del.....	633	224	142	634	221	140
Fla.....	11,865	250	2,965	11,896	245	2,912
Ga.....	19,223	243	4,671	18,625	240	4,474
Hawaii.....	855	231	197.3	939	223	209.7
Idaho.....	956	251	240	1,074	240	258
Ill.....	4,138	243	1,004	3,652	240	876
Ind.....	18,141	255	4,624	19,737	253	4,997
Iowa.....	7,692	238	1,827	7,444	238	1,769
Kans.....	1,897	254	481	1,875	249	466
Ky.....	1,977	231	457	1,834	237	434
La.....	1,868	223	417	1,767	224	395
Maine.....	5,249	267	1,402	5,241	259	1,355
Md.....	3,360	249	836	3,522	239	840
Mass.....	1,062	250	265	1,059	253	268
Mich.....	5,971	249	1,484	6,162	247	1,519
Minn.....	10,230	245	2,508	10,061	243	2,443
Miss.....	5,509	233	1,285	5,309	236	1,253
Mo.....	5,504	246	1,352	5,787	234	1,357
Mont.....	772	250	193	770	257	198
Nebr.....	3,399	233	792	3,336	232	773
Nev.....	10	180	1.8	11	209	2.3
N.H.....	528	269	142	473	264	125
N.J.....	1,076	229	246	1,053	222	234
N. Mex.....	1,180	243	287	1,162	242	281
N.Y.....	6,899	252	1,741	6,892	256	1,710
N.C.....	13,158	240	3,152	13,604	239	3,246
N. Dak.....	483	246	119	504	238	120
Ohio.....	11,584	257	2,980	13,549	254	3,445
Okla.....	3,501	240	841	3,698	238	879
Oreg.....	2,583	244	630	2,585	248	641
Pa.....	18,094	261	4,716	16,274	263	4,282
R.I.....	250	248	62	290	255	74
S.C.....	6,302	253	1,594	6,244	259	1,617
S. Dak.....	1,580	237	374	1,616	234	378
Tenn.....	3,232	254	822	2,901	256	744
Tex.....	12,745	242	3,089	13,055	244	3,182
Utah.....	1,822	250	456	1,845	237	438
Vt.....	260	265	69	240	271	65
Va.....	3,474	242	839	3,428	246	843
Wash.....	5,017	246	1,232	5,193	251	1,306
W. Va.....	607	224	136	572	227	130
Wis.....	3,622	250	906	3,535	250	884
Wyo.....	41	215	8.7	35	206	7.2
U.S. <sup>3</sup> .....	276,263	247	68,169	277,855	245	68,193

<sup>1</sup> Annual estimates cover the period Dec. 1, previous year through Nov. 30.<sup>2</sup> Total egg production divided by average number of layers on hand.<sup>3</sup> Sum of States may not add to U.S. total due to rounding.

Statistical Reporting Service.

Table 525.—Eggs: Production in specified countries, 1982-84

Continent and country	1982	1983	1984 <sup>1</sup>	Continent and country	1982	1983	1984 <sup>1</sup>
	<i>Mil- lions</i>	<i>Mil- lions</i>	<i>Mil- lions</i>		<i>Mil- lions</i>	<i>Mil- lions</i>	<i>Mil- lions</i>
North America:				East Europe:			
Canada.....	5,923	6,058	5,875	Bulgaria.....	2,488	2,639	2,500
Mexico.....	13,788	14,123	14,703	Czechoslovakia.....	5,030	5,232	5,500
United States.....	69,623	67,912	68,455	Germany, East.....	5,696	5,850	5,860
Total.....	89,334	88,093	89,033	Hungary.....	4,361	4,481	4,500
South America:				Poland.....	7,633	7,600	7,700
Argentina.....	3,150	3,250	3,150	Romania.....	7,155	7,250	7,520
Brazil.....	10,200	9,000	8,500	Yugoslavia.....	4,615	4,567	4,785
Venezuela.....	2,742	2,512	2,558	Total.....	36,978	37,619	38,365
Total.....	16,092	14,762	14,208	Middle East:			
Europe:				Iraq.....	931	950	1,350
Belgium and Luxembourg.....	3,266	3,162	3,200	Israel.....	1,810	1,803	2,075
Denmark.....	1,421	1,386	1,370	Saudi Arabia.....	1,340	1,915	2,025
France.....	15,890	15,016	14,700	Total.....	4,081	4,688	5,450
Germany, Fed. Rep. of.....	13,109	13,033	13,050	Africa:			
Greece.....	2,520	2,495	2,459	Algeria.....	640	660	700
Ireland.....	614	641	650	Egypt.....	2,150	2,290	2,400
Italy.....	11,219	10,907	10,800	South Africa.....	2,826	3,035	3,005
Netherlands.....	10,683	10,716	11,120	Total.....	5,616	5,985	6,105
United Kingdom.....	13,500	13,200	13,600	Asia:			
Total.....	72,222	70,556	70,949	Hong Kong.....	60	60	60
Other West Europe:				Japan.....	34,316	34,755	35,345
Austria.....	1,675	1,722	1,732	Total.....	34,376	34,815	35,405
Finland.....	1,394	1,429	1,506	Soviet Union.....	72,409	75,110	76,000
Portugal.....	1,227	1,132	1,200	Oceania:			
Spain.....	12,386	12,183	11,128	Australia <sup>2</sup> .....	3,391	3,483	3,465
Switzerland.....	730	772	765	Total selected countries..	351,910	352,329	355,311
Total.....	17,412	17,238	16,331				

<sup>1</sup> Preliminary.<sup>2</sup> Year ending June 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

Table 526.—Eggs: Production, disposition, cash receipts, and gross income, United States, 1970-84

Year	Hens and pullets, average number during year	Rate of lay per layer during year <sup>1</sup>	Eggs			Price per dozen	Cash receipts (sales)	Value of eggs consumed on production units	Value of production <sup>2</sup>
			Total produced	Consumed on production units	Sold				
	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1970 <sup>3</sup> .....	312,759	218	68,212	953	67,259	39.1	2,190,339	30,348	2,220,687
1971.....	312,886	223	69,649	789	68,860	31.4	1,800,746	20,038	1,820,784
1972.....	304,504	227	69,219	692	68,527	30.9	1,763,899	16,982	1,780,881
1973.....	290,588	227	66,039	627	65,412	52.5	2,859,253	26,517	2,885,770
1974.....	284,732	230	65,620	580	65,040	53.2	2,884,478	25,044	2,909,522
1975.....	278,101	232	64,626	536	64,090	52.4	2,796,785	22,490	2,819,275
1976.....	274,135	235	64,511	514	63,997	58.3	3,109,304	24,060	3,133,364
1977.....	274,875	235	64,602	495	64,117	55.6	2,973,176	21,781	2,994,957
1978.....	281,544	239	67,157	468	66,689	52.2	2,901,020	19,768	2,920,788
1979 <sup>4</sup> .....	288,623	240	59,209	454	68,755	58.3	3,338,438	21,434	3,359,872
1980.....	287,705	242	69,686	451	69,235	56.3	3,247,120	20,443	3,267,563
1981.....	287,774	243	69,825	441	69,384	63.1	3,648,406	22,737	3,671,143
1982.....	286,369	243	69,718	427	69,291	59.5	3,437,901	20,972	3,458,873
1983.....	276,263	247	68,169	415	67,754	61.1	3,448,613	20,755	3,469,368
1984 <sup>5</sup> .....	277,855	245	68,193	390	67,803	72.3	4,085,760	23,147	4,108,907

See footnotes on page 367.

**Table 527.—Eggs: Production, disposition, cash receipts and gross income, by States, 1984 (preliminary)**

State	Eggs produced	Consumed on production units	Eggs sold	Price per dozen	Cash receipts (sales)	Value of eggs consumed on production units <sup>1</sup>	Value of production
	Millions	Millions	Millions	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	2,783	11	2,772	86.9	200,739	797	201,536
Alaska.....	13.6	( <sup>2</sup> )	13.6	121.0	1,371	( <sup>2</sup> )	1,371
Ariz.....	105	1.4	103.6	61.0	5,266	71	5,337
Ark.....	3,560	10	3,550	73.1	216,254	609	216,863
Calif.....	8,325	10	8,315	59.0	408,821	492	409,313
Colo.....	637	6	631	75.0	39,438	375	39,813
Conn.....	1,199	1	1,198	104.0	103,827	87	103,914
Del.....	140	( <sup>2</sup> )	140	105.0	12,250	( <sup>2</sup> )	12,250
Fla.....	2,912	4	2,908	64.0	155,093	213	155,306
Ga.....	4,474	6	4,468	86.2	320,951	431	321,382
Hawaii.....	209.7	( <sup>2</sup> )	209.7	88.9	15,535	( <sup>2</sup> )	15,535
Idaho.....	258	6	252	62.0	13,020	310	13,330
Ill.....	876	9	867	69.8	50,431	524	50,955
Ind.....	4,997	11	4,986	70.0	290,850	642	291,492
Iowa.....	1,769	17	1,752	61.0	89,060	864	89,924
Kans.....	466	9	457	63.3	24,107	475	24,582
Ky.....	434	16	418	65.8	22,920	877	23,797
La.....	395	8	387	102.0	32,895	680	33,575
Maine.....	1,355	2	1,353	92.0	103,730	153	103,883
Md.....	840	4	836	82.0	57,127	273	57,400
Mass.....	268	1	267	109.0	24,253	91	24,344
Mich.....	1,519	12	1,507	60.0	75,350	600	75,950
Minn.....	2,443	11	2,432	61.0	123,627	559	124,186
Miss.....	1,253	5	1,248	83.6	86,944	348	87,292
Mo.....	1,357	17	1,340	61.0	68,117	864	68,981
Mont.....	198	5	193	64.0	10,293	267	10,560
Nebr.....	773	11	762	49.5	31,433	454	31,887
Nev.....	2.3	.8	1.5	49.2	62	33	95
N.H.....	125	1	124	106.0	10,953	88	11,041
N.J.....	234	1	233	88.0	17,087	73	17,160
N. Mex.....	281	2	279	74.0	17,205	123	17,328
N.Y.....	1,710	10	1,700	70.8	100,300	590	100,890
N.C.....	3,246	16	3,230	88.7	238,751	1,183	239,934
N. Dak.....	120	6	114	66.0	6,270	330	6,600
Ohio.....	3,445	16	3,429	64.9	185,452	865	186,317
Okla.....	879	13	866	82.6	59,610	895	60,505
Oreg.....	641	14	627	63.3	33,074	739	33,813
Pa.....	4,282	21	4,261	72.0	255,660	1,260	256,920
R.I.....	74	( <sup>2</sup> )	74	94.0	5,797	( <sup>2</sup> )	5,797
S.C.....	1,617	7	1,610	70.8	94,990	413	95,403
S. Dak.....	378	7	371	48.0	14,840	280	15,120
Tenn.....	744	10	734	71.0	43,428	592	44,020
Tex.....	3,182	32	3,150	82.0	215,250	2,187	217,437
Utah.....	438	2.4	435.6	53.0	19,239	106	19,345
Vt.....	65	2	63	107.0	5,618	178	5,796
Va.....	843	10	833	80.7	56,019	673	56,692
Wash.....	1,306	9	1,297	62.3	67,336	467	67,803
W. Va.....	130	7	123	92.8	9,512	541	10,053
Wis.....	884	7	877	62.0	45,312	362	45,674
Wyo.....	7.2	2	5.2	67.6	293	113	406
U.S. <sup>3</sup> .....	68,193	390	67,803	72.3	4,085,760	23,147	4,108,907

<sup>1</sup> Valued at same price as eggs sold.

<sup>2</sup> Less than one-half million eggs.

<sup>3</sup> Sum of states may not add to U.S. total due to rounding.

Statistical Reporting Service.

**Table 528.—Eggs: Supply, distribution, and per capita consumption, United States, 1970-84<sup>1</sup>**

Year	Total egg production	Storage at beginning of the year <sup>1</sup>	Imports <sup>2</sup>	Exports and shipments to territories <sup>2</sup>	Eggs used for hatching	Consumption			
						Storage at end of the year <sup>2</sup>	Military <sup>2</sup>	Civilian	
								Total	Per capita
	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Number
1970 .....	5,704	34	27	45	402	39	78	5,200	309
1971 .....	5,806	39	10	45	389	58	60	5,303	311
1972 .....	5,742	58	1	56	391	53	64	5,236	303
1973 .....	5,502	53	13	49	392	34	42	5,052	289
1974 .....	5,461	34	13	57	366	42	38	5,004	284
1975 .....	5,382	42	5	62	372	28	43	4,924	276
1976 .....	5,377	28	3	65	419	21	45	4,857	270
1977 .....	5,408	21	14	91	427	24	36	4,865	268
1978 .....	5,608	24	11	120	466	20	28	5,009	273
1979 .....	5,777	20	9	104	498	19	25	5,162	278
1980 .....	5,806	19	5	167	499	19	24	5,122	272
1981 .....	5,825	19	5	257	507	18	25	5,043	265
1982 .....	5,802	18	2	185	506	20	22	5,071	265
1983 .....	5,659	20	23	112	500	9	25	5,056	261
1984 <sup>3</sup> .....	5,705	9	32	86	529	11	18	5,102	261

<sup>1</sup> Calendar years.

<sup>2</sup> Shell eggs and the approximate shell-egg equivalent of egg product.

<sup>3</sup> Preliminary.

Economic Research Service.

**Table 529.—Eggs, shell: Average price per dozen on consumer Grade A cartoned white eggs to volume buyers, store-door delivery, New York metropolitan area, 1970-84**

Year	Large	Year	Large	Year	Large
	Cents		Cents		Cents
1970.....	47.49	1975.....	63.93	1980.....	66.86
1971.....	39.95	1976.....	70.33	1981.....	73.21
1972.....	41.61	1977.....	63.27	1982.....	70.10
1973.....	55.63	1978.....	61.68	1983.....	75.16
1974.....	64.49	1979.....	68.15	1984.....	80.87

Agricultural Marketing Service.

#### FOOTNOTES FOR TABLE 526

<sup>1</sup> Number of eggs produced during the year divided by the average of hens and pullets of laying age on hand during the year.

<sup>2</sup> Value of sales plus value of eggs consumed in households of producers.

<sup>3</sup> Annual production, disposition, cash receipts, and gross income estimates for eggs were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.

<sup>4</sup> Included are layers and eggs destroyed because of possible PCB contamination.

<sup>5</sup> Preliminary.

Statistical Reporting Service.



Table 530.—Eggs: Products under Federal inspection, United States, fiscal years 1983 and 1984

Item	Quantity		Item	Quantity	
	1983	1984		1983	1984
	<i>1,000 dozen</i>	<i>1,000 dozen</i>		<i>1,000 dozen</i>	<i>1,000 dozen</i>
Shell eggs broken.....	735,770	744,990	Frozen product produced: <sup>3</sup>		
Edible liquid from shell eggs broken:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Whole plain.....	133,957	136,676
Whole.....	478,810	492,510	Whole blends.....	61,567	83,194
White.....	260,239	262,960	White.....	49,316	41,766
Yolk.....	161,092	161,214	Yolk plain.....	9,679	7,943
Total.....	900,141	916,684	Yolk blends.....	50,383	53,183
Inedible liquid from shell eggs broken.....	59,530	61,283	Total.....	304,902	322,762
Liquid egg used in processing: <sup>1</sup>			Dried product produced: <sup>3</sup>		
Whole.....	573,303	582,110	Whole plain.....	11,914	14,188
White.....	355,206	367,280	Whole blends.....	36,917	22,149
Yolk.....	180,164	183,215	White.....	20,396	20,164
Total.....	1,108,673	1,132,605	Yolk plain.....	12,739	12,113
Ingredients added in processing <sup>2</sup> ...	46,906	43,045	Yolk blends.....	5,264	7,093
Liquid product produced for immediate consumption and processing: <sup>3</sup>			Total.....	87,230	75,707
Whole plain.....	181,070	195,645			
Whole blends.....	91,783	91,185			
White.....	140,428	161,733			
Yolk plain.....	23,063	23,717			
Yolk blends.....	57,819	55,948			
Total.....	494,163	528,228			

<sup>1</sup> Includes all frozen eggs used for processing, excludes ingredients added.<sup>2</sup> Includes all non-egg ingredients added.<sup>3</sup> Includes ingredients added.

Statistical Reporting Service.

## CHAPTER IX

### FARM RESOURCES, INCOME, AND EXPENSES

The statistics in this chapter deal with farms, farm resources, farm income, and expenses. Many of the series are estimates developed in connection with economic research activities of the Department.

For convenience the tables have been arranged in general groups. These groups, with the beginning table indicated, are as follows:

Economic trends, table 531.

Farm property, table 532.

Population and employment, table 550.

Farm production and distribution, table 557.

Price and income, table 572.

Costs and expenses, table 586.

**Table 531.—Economic trends: Data relating to agriculture, United States, 1970-84**

Year	Prices paid by farmers		Prices received by farmers	Farm income			
	Total including interest, taxes, and wage rates	Production items		Gross farm income <sup>1</sup>	Production expenses	Net income	
						Current dollars	1967 dollars
	<i>Index numbers 1977=100</i>	<i>Index numbers 1977=100</i>	<i>Index numbers 1977=100</i>	<i>Billion Dollars</i>	<i>Billion Dollars</i>	<i>Billion Dollars</i>	<i>Billion Dollars</i>
1970 .....	55	54	60	58.8	44.5	14.4	12.4
1971 .....	58	57	62	62.1	47.1	15.0	12.4
1972 .....	62	61	69	71.1	51.7	19.5	15.5
1973 .....	71	73	98	98.9	64.6	34.4	25.8
1974 .....	81	83	105	98.2	71.0	27.3	18.5
1975 .....	89	91	101	100.6	75.0	25.5	15.8
1976 .....	95	97	102	102.9	82.7	20.2	11.8
1977 .....	100	100	100	108.8	88.9	19.9	11.0
1978 .....	108	108	115	128.4	101.0	27.4	14.0
1979 .....	123	125	132	150.7	119.0	31.7	14.6
1980 .....	138	138	134	149.6	129.4	20.2	8.2
1981 .....	150	148	139	166.0	136.1	29.8	11.0
1982 .....	157	150	133	161.6	136.9	24.6	8.5
1983 .....	160	153	134	150.6	135.6	15.0	5.0
1984 <sup>6</sup> .....	164	155	142	174.0	139.5	34.5	11.1

See footnotes at end of table.

**Table 531.—Economic trends: Data relating to agriculture, United States 1970-84—Continued**

Year	Farm real estate value <sup>2</sup>	Farm real estate debt, Dec. 31	National income <sup>3</sup>	Disposable personal income <sup>3</sup>	Industrial production <sup>4</sup>	Consumer prices all items <sup>5</sup>	Producer prices consumer foods <sup>5</sup>
	<i>Index numbers 1977=100</i>	<i>Million dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Index numbers 1967=100</i>	<i>Index numbers 1967=100</i>	<i>Index numbers 1967=100</i>
1970.....	42	30,346	810.7	695.3	107.8	116.3	113.5
1971.....	43	32,192	871.5	751.8	109.6	121.3	115.3
1972.....	47	35,094	963.6	810.3	119.7	125.3	121.7
1973.....	53	39,527	1,086.2	914.5	129.8	133.1	146.4
1974.....	66	44,705	1,160.7	998.3	129.3	147.7	166.9
1975.....	75	49,682	1,239.4	1,096.1	117.8	161.2	181.0
1976.....	86	55,268	1,379.2	1,194.4	130.5	170.5	180.4
1977.....	100	63,458	1,550.5	1,314.0	138.2	181.5	189.9
1978.....	109	71,610	1,760.3	1,474.0	146.1	195.4	202.2
1979.....	125	85,599	1,966.7	1,650.2	152.5	217.4	226.2
1980.....	145	95,764	2,116.6	1,828.9	147.0	246.8	239.5
1981.....	158	105,801	2,363.8	2,041.7	151.0	272.4	253.6
1982.....	157	110,026	2,446.8	2,180.5	138.6	289.1	259.3
1983.....	148	112,622	2,646.7	2,340.1	147.6	298.4	261.8
1984 <sup>6</sup> .....	146	111,637	2,959.9	2,576.8	163.3	311.1	273.3

<sup>1</sup> Includes cash receipts from marketings, government payments, nonmoney income (gross rental value and home consumption), other income (machine hire custom work and recreational income), and value of change in farm inventories. <sup>2</sup> Farmland and buildings per acre as of Mar. 1 through 1975; Feb. 1, 1976-81; and Apr. 1, 1982-84.

<sup>3</sup> U.S. Department of Commerce. <sup>4</sup> Federal Reserve Board. <sup>5</sup> U.S. Department of Labor. <sup>6</sup> Preliminary. Economic Research and Statistical Reporting Service.

**Table 532.—Farms: Number, land in farms, and average size of farm, U.S., 1975-85**

Year	Farms <sup>1</sup>	Land in farms	Average size of farm
	<i>Number</i>	<i>1,000 acres</i>	<i>Acres</i>
1975.....	2,521,420	1,059,420	420
1976.....	2,497,270	1,054,075	422
1977.....	2,455,830	1,047,785	427
1978.....	2,436,250	1,044,790	429
1979.....	2,432,300	1,042,015	428
1980.....	2,432,510	1,038,885	427
1981.....	2,433,920	1,034,190	425
1982.....	2,400,550	1,027,795	428
1983.....	2,370,200	1,024,195	432
1984.....	2,328,400	1,019,378	438
1985 <sup>2</sup> .....	2,284,630	1,015,583	445

<sup>1</sup> A farm is a place as of June 1 that sells or could sell \$1,000 of agricultural products during the year.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 533.—Percent of farms, land in farms, and average size, by economic class, United States, June 1, 1984-85**

Economic class gross value of sales	Percent of total				Average size of farms	
	Farms		Land		1984	1985 <sup>1</sup>
	1984	1985 <sup>1</sup>	1984	1985 <sup>1</sup>		
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Acres</i>	<i>Acres</i>
\$1,000-\$9,999.....	50.5	51.2	11.3	12.1	98	105
\$10,000-\$99,999.....	35.6	35.0	39.1	40.7	481	517
\$100,000+.....	13.9	13.8	49.6	47.2	1,562	1,520
Total.....	100.0	100.0	100.0	100.0	438	445

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 534.—Farms: Number and land in farms, by States, 1984 and 1985

State	Farms <sup>1</sup>		Land in farms	
	1984	1985	1984	1985
	Number	Number	1,000 acres	1,000 acres
Ala.....	54,000	54,000	11,500	11,500
Alaska.....	650	680	1,560	1,520
Ariz.....	8,300	8,500	37,500	37,500
Ark.....	55,000	53,000	16,100	16,000
Calif.....	78,000	79,000	33,000	32,800
Colo.....	27,000	26,700	34,600	34,400
Conn.....	4,100	3,800	480	450
Del.....	3,600	3,500	660	650
Fla.....	40,000	39,000	13,000	13,000
Ga.....	51,000	50,000	13,500	13,500
Hawaii.....	4,600	4,600	1,950	1,950
Idaho.....	24,600	24,600	14,700	14,700
Ill.....	94,000	90,000	28,700	28,700
Ind.....	82,000	81,000	16,400	16,400
Iowa.....	113,000	111,000	33,600	33,600
Kans.....	74,000	72,000	48,000	48,000
Ky.....	101,000	100,000	14,500	14,500
La.....	36,000	35,500	10,100	10,100
Maine.....	8,000	7,800	1,560	1,520
Md.....	17,800	18,000	2,700	2,650
Mass.....	6,100	6,000	680	680
Mich.....	63,000	63,000	11,400	11,400
Minn.....	101,000	96,000	30,400	30,400
Miss.....	50,000	48,000	14,200	14,200
Mo.....	117,000	115,000	31,000	30,800
Mont.....	23,900	23,600	61,100	60,900
Nebr.....	60,000	59,000	47,200	47,200
Nev.....	2,600	2,500	8,800	8,800
N.H.....	3,400	3,400	545	540
N.J.....	9,100	8,700	970	950
N. Mex.....	14,000	13,800	45,800	45,000
N.Y.....	47,000	45,000	9,400	9,200
N.C.....	79,000	76,000	11,000	10,800
N. Dak.....	35,500	34,000	41,000	40,900
Ohio.....	90,000	89,000	15,800	15,800
Okla.....	73,000	71,000	33,000	33,000
Oreg.....	37,000	37,000	18,000	18,000
Pa.....	58,000	58,000	8,700	8,700
R.I.....	750	750	73	73
S.C.....	28,000	27,500	5,600	5,500
S. Dak.....	37,000	36,500	44,500	44,500
Tenn.....	97,000	98,000	13,400	13,400
Tex.....	187,000	184,000	136,800	136,300
Utah.....	14,000	13,900	11,800	11,600
Vt.....	7,300	7,000	1,700	1,600
Va.....	56,000	55,000	9,700	9,600
Wash.....	38,000	38,000	16,100	16,300
W. Va.....	22,000	20,300	3,800	3,500
Wis.....	86,000	83,000	18,000	17,700
Wyo.....	9,100	9,000	34,800	34,800
U.S.....	2,328,400	2,284,630	1,019,378	1,015,583

<sup>1</sup> A farm is a place as of June 1 that sells or could sell \$1,000 of agricultural products, during the year. Statistical Reporting Service.

## FOOTNOTES FOR TABLE 537

<sup>1</sup> Cropland harvested, crop failure, and cultivated summer fallow.

<sup>2</sup> Grassland and other nonforest pasture and range.

<sup>3</sup> Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land.

<sup>4</sup> Includes urban and transportation areas. Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads and farm roads and lanes.

<sup>5</sup> Remeasurement and increases in reservoirs account for changes in total land areas except for the major increase in 1959 when data for Alaska and Hawaii were added.

Economic Research Service. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.



Table 535.—Farms: Classification by tenure of operator, United States, 1880-1982

Year	Farms	Tenure of operator			
		Full owners	Part owners	Managers	All tenants
	<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1880.....	4,008,907				25.6
1890.....	4,564,641				28.4
1900.....	5,739,657	55.8	7.9	1.0	35.3
1910.....	6,361,502	52.7	9.3	.9	37.0
1920.....	6,453,991	52.2	8.7	1.1	38.1
1925.....	6,371,640	52.0	8.7	.6	38.6
1930 <sup>1</sup> .....	6,295,103	46.3	10.4	.9	42.4
1935.....	6,812,350	47.1	10.1	.7	42.1
1940 <sup>1</sup> .....	6,102,417	50.6	10.1	.6	38.8
1945.....	5,859,169	56.4	11.3	.7	31.7
1950 <sup>1</sup> .....	5,388,437	57.4	15.3	.4	26.9
1954.....	4,782,416	57.2	17.9	.4	24.4
1959 <sup>1</sup> .....	3,710,503	57.1	21.9	.6	20.5
1964 <sup>1</sup> .....	3,157,857	57.6	24.8	.6	17.1
1969 <sup>1</sup> .....	2,730,250	62.5	24.6		12.9
1974 <sup>1</sup> .....	2,314,013	61.5	27.2		11.3
1978 <sup>1</sup> .....	2,257,775	57.5	30.2		12.3
1982 <sup>1</sup> .....	2,239,300	59.2	29.3		11.6

<sup>1</sup> Includes Alaska and Hawaii.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 536.—Land in farms: Classification by tenure of operator, United States, 1880-1982

Year	Land in farms	Tenure of operator			
		Full owners	Part owners	Managers	All tenants
	<i>Acres</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1880.....	536,081,835				
1890.....	623,218,619				
1900.....	841,201,546	51.3	14.9	10.7	23.2
1910.....	878,798,325	52.9	15.2	6.1	25.8
1920.....	958,676,612	48.3	18.4	5.7	27.7
1925.....	924,319,352	45.4	21.3	4.7	28.7
1930 <sup>1</sup> .....	990,111,984	37.6	24.9	6.4	31.0
1935.....	1,054,515,111	37.1	25.2	5.8	31.9
1940 <sup>1</sup> .....	1,065,113,774	35.9	28.2	6.5	29.4
1945.....	1,141,615,364	36.1	32.5	9.3	22.0
1950 <sup>1</sup> .....	1,161,419,720	36.1	36.4	9.2	18.3
1954.....	1,158,191,511	34.2	40.6	8.6	16.6
1959 <sup>1</sup> .....	1,123,507,574	31.0	44.0	9.8	14.8
1964 <sup>1</sup> .....	1,110,187,000	28.7	48.0	10.2	13.1
1969 <sup>1</sup> .....	1,062,892,501	35.3	51.8		13.0
1974 <sup>1</sup> .....	1,017,030,357	35.3	52.6		12.0
1978 <sup>1</sup> .....	1,014,777,234	32.7	55.3		12.0
1982 <sup>1</sup> .....	986,796,579	34.7	53.8		11.5

<sup>1</sup> Includes Alaska and Hawaii.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 537.—Land utilization, United States, selected years, 1930-82

Major land uses	1930	1940	1950	1959	1969	1974	1978	1982
	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>
Cropland used for crops <sup>1</sup> .....	382	368	377	359	333	361	369	383
Idle cropland.....	31	31	32	33	51	21	26	21
Cropland used only for pasture.....	67	68	69	66	88	83	76	65
Grassland pasture <sup>2</sup> .....	652	650	631	633	604	598	587	597
Forest land <sup>3</sup> .....	601	608	601	728	723	718	703	655
Special uses <sup>4</sup> .....				147	174	182	503	544
Other land.....	171	179	194	305	291	301		
Total land area <sup>5</sup> .....	1,904	1,904	1,904	2,271	2,264	2,264	2,264	2,265

See footnotes on page 371.

Table 538.—Land utilization, by States, 1982

State	Cropland			Grassland pasture <sup>2</sup>	Forest land <sup>3</sup>	Special use areas <sup>4</sup>	Other land	Total land area
	Used for crops <sup>1</sup>	Idle	Used only for pasture					
Ala.....	3,806	362	1,474	1,865	21,179	1,449	2,356	32,491
Alaska.....	26	21	6	1,281	87,045	141,534	135,420	365,333
Ariz.....	1,174	230	129	41,565	17,846	9,063	2,638	72,645
Ark.....	7,975	476	2,055	2,948	17,324	1,298	1,254	33,330
Calif.....	9,579	642	1,345	22,580	37,043	13,827	15,015	100,031
Colo.....	9,377	493	1,000	28,198	19,809	4,643	2,781	66,301
Conn.....	181	11	43	48	1,745	157	933	3,118
Del.....	538	9	12	12	394	92	180	1,237
D.C.....							40	40
Fla.....	2,752	345	1,072	6,229	16,325	4,021	3,914	34,658
Ga.....	5,372	462	1,290	1,850	23,768	1,869	2,545	37,156
Hawaii.....	156	155	34	1,131	1,067	926	643	4,112
Idaho.....	5,624	216	763	20,408	17,880	5,167	2,637	52,744
Ill.....	23,615	560	1,070	1,773	3,551	1,947	3,097	35,613
Ind.....	12,779	381	798	1,352	3,878	1,082	2,726	22,996
Iowa.....	25,208	826	2,500	2,065	1,227	1,699	2,293	35,818
Kans.....	28,352	1,318	3,232	13,907	1,359	1,745	2,425	52,338
Ky.....	5,354	711	3,453	1,669	11,948	970	1,283	25,388
La.....	5,115	420	916	2,073	13,998	1,322	4,650	28,494
Maine.....	475	67	87	94	17,565	408	1,141	19,837
Md.....	1,579	71	197	222	2,420	520	1,287	6,296
Mass.....	214	16	52	48	2,811	525	1,342	5,008
Mich.....	7,642	606	566	1,881	18,078	1,989	5,689	36,451
Minn.....	21,772	1,205	1,206	1,689	15,643	4,253	5,143	50,911
Miss.....	6,143	437	1,441	2,369	16,505	850	2,484	30,229
Mo.....	14,024	827	5,587	6,540	12,348	1,737	3,062	44,125
Mont.....	15,247	469	1,123	48,395	18,936	5,966	2,912	93,048
Nebr.....	20,816	966	2,397	21,232	796	1,533	1,312	49,052
Nev.....	614	58	190	45,909	7,272	7,515	8,774	70,332
N.H.....	127	8	31	46	4,839	226	479	5,756
N.J.....	628	33	64	26	1,940	578	1,510	4,779
N. Mex.....	1,690	229	450	51,217	16,805	5,279	1,984	77,654
N.Y.....	4,649	360	891	904	15,939	3,827	3,751	30,321
N.C.....	5,154	476	806	1,010	18,604	1,937	3,273	31,260
N. Dak.....	26,900	1,021	1,575	11,028	515	1,817	1,496	44,352
Ohio.....	10,845	419	982	1,430	6,837	1,245	4,485	26,243
Okla.....	10,935	650	3,860	18,396	6,810	1,410	1,878	43,939
Oreg.....	4,324	175	858	22,011	29,477	2,707	2,006	61,558
Pa.....	4,619	309	862	949	16,294	2,469	3,226	28,728
R.I.....	29	3	5	3	391	71	173	675
S.C.....	2,713	201	484	443	12,084	1,164	2,241	19,330
S. Dak.....	17,657	426	2,309	23,529	1,610	1,597	1,481	48,609
Tenn.....	5,052	453	2,608	1,370	12,965	2,195	1,696	26,339
Tex.....	25,963	3,129	10,029	103,890	14,080	4,673	5,927	167,691
Utah.....	1,409	116	470	23,238	15,443	4,901	6,950	52,527
Vt.....	561	18	205	260	4,432	248	211	5,935
Va.....	2,978	252	1,523	1,717	15,872	1,327	1,741	25,410
Wash.....	7,559	309	612	7,705	18,557	5,356	2,469	42,567
W. Va.....	786	87	676	557	11,509	665	1,156	15,436
Wis.....	10,404	411	1,229	2,009	14,877	2,172	3,731	34,833
Wyo.....	2,264	53	461	45,594	5,640	5,768	2,293	62,073
U.S.....	382,755	21,498	65,028	596,664	655,280	269,739	274,183	2,265,147

<sup>1</sup> Cropland harvested, crop failure, and cultivated summer fallow.<sup>2</sup> Grassland and other nonforest pasture and range.<sup>3</sup> Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land.<sup>4</sup> Includes rural transportation areas, Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads, and farm roads and lanes.

Economic Research Service. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.

Table 539.—Land in farms:<sup>1</sup> Irrigated land, by States, 1949–82

State	1949	1954	1959	1964	1969	1974	1978 <sup>2</sup>	1982 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
Ala.....	( <sup>3</sup> )	17	17	12	11	14	59	66
Alaska.....				( <sup>2</sup> )	1	1	1	1
Ariz.....	964	1,177	1,152	1,125	1,178	1,153	1,196	1,098
Ark.....	422	858	712	974	1,010	949	1,683	2,022
Calif.....	6,438	7,048	7,396	7,599	7,240	7,749	8,506	8,461
Colo.....	2,872	2,263	2,685	2,690	2,895	2,874	3,431	3,201
Conn.....	8	12	5	14	9	7	7	7
Del.....	( <sup>3</sup> )	6	16	18	20	20	34	44
Fla.....	365	428	414	1,217	1,365	1,559	1,980	1,585
Ga.....	3	24	34	64	79	112	463	575
Hawaii.....	117	( <sup>3</sup> )	141	144	146	142	159	146
Idaho.....	2,137	2,325	2,577	2,802	2,761	2,859	3,475	3,450
Ill.....	2	7	10	14	51	54	130	166
Ind.....	5	12	17	17	34	33	55	132
Iowa.....	1	2	18	22	21	39	101	91
Kans.....	139	332	762	1,004	1,522	2,010	2,686	2,675
Ky.....	( <sup>3</sup> )	13	9	14	20	11	14	23
La.....	577	708	485	581	702	702	681	694
Maine.....	2	1	2	4	6	6	7	6
Md.....	1	8	11	16	22	23	28	39
Mass.....	19	23	20	24	19	19	17	17
Mich.....	14	23	40	49	77	97	226	286
Minn.....	4	9	15	18	36	78	272	315
Miss.....	5	132	100	123	150	162	309	431
Mo.....	2	33	30	59	156	150	320	403
Mont.....	1,717	1,891	1,875	1,893	1,841	1,759	2,070	2,023
Nebr.....	876	1,171	2,078	2,169	2,857	3,967	5,683	6,039
Nev.....	727	567	543	825	753	778	881	830
N.H.....	1	1	1	3	2	2	2	1
N.J.....	28	59	74	96	72	89	77	83
N. Mex.....	655	650	732	813	823	867	891	807
N.Y.....	19	59	58	79	55	55	56	52
N.C.....	2	25	66	97	59	51	90	81
N. Dak.....	35	38	48	51	63	71	141	163
Ohio.....	6	15	12	17	22	22	25	28
Okla.....	34	108	198	302	524	515	602	492
Oreg.....	1,307	1,490	1,384	1,608	1,519	1,561	1,881	1,808
Pa.....	7	18	17	23	19	18	15	18
R.I.....	2	1	( <sup>3</sup> )	1	2	2	3	2
S.C.....	6	22	25	19	15	10	32	81
S. Dak.....	78	90	116	130	148	152	335	376
Tenn.....	1	23	11	11	12	10	13	18
Tex.....	3,123	4,707	5,656	6,385	6,888	6,594	6,947	5,576
Utah.....	1,138	1,073	1,062	1,092	1,025	970	1,169	1,082
Vt.....	( <sup>3</sup> )	1	2	2	( <sup>3</sup> )	1	1	1
Va.....	3	22	31	51	37	28	42	43
Wash.....	589	778	1,007	1,150	1,244	1,309	1,639	1,638
W. Va.....	( <sup>3</sup> )	1	1	2	3	2	1	1
Wis.....	10	18	32	62	106	128	235	259
Wyo.....	1,432	1,263	1,470	1,571	1,523	1,460	1,662	1,565
U.S.....	25,905	29,552	33,164	37,057	39,122	41,243	50,350	49,002
P.R.....	( <sup>4</sup> )	( <sup>4</sup> )	76	89	91	70	( <sup>4</sup> )	( <sup>4</sup> )
V.I.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Total.....	25,905	29,552	33,240	37,145	39,213	41,313	50,350	49,002

<sup>1</sup> Data may not add because of rounding.<sup>2</sup> Data not directly comparable with earlier censuses as it includes estimates from the direct enumeration sample for farms not represented on the mail list.<sup>3</sup> Less than 500 acres.<sup>4</sup> Not available.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 541

<sup>1</sup> Land and buildings. Excludes Alaska and Hawaii. Data as of March 1, 1950–75, Feb. 1, 1976–81, and Apr. 1, 1982–85.

Economic Research Service.

**Table 540.—Farm real estate: Value of farmland and buildings, and value of farm buildings, by States, 1981-85 <sup>1</sup>**

State	Total value of land and buildings					Total value of farm buildings				
	Feb. 1, 1981	Apr. 1, 1982	Apr. 1, 1983	Apr. 1, 1984	Apr. 1, 1985	Feb. 1, 1981	Apr. 1, 1982	Apr. 1, 1983	Apr. 1, 1984	Apr. 1, 1985
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Ala.....	10,829	10,443	9,582	9,309	8,844	2,144	2,047	1,859	1,788	1,682
Ariz.....	10,849	11,325	10,838	11,054	9,949	870	899	852	860	766
Ark.....	17,313	17,755	15,746	15,023	13,671	2,403	2,454	2,154	2,035	1,833
Calif.....	58,195	63,460	63,678	63,294	56,965	6,337	6,842	6,796	6,688	5,959
Colo.....	15,407	15,875	15,799	16,180	15,047	1,739	1,774	1,748	1,772	1,631
Conn.....	1,259	1,279	1,328	1,407	1,604	394	396	407	427	482
Del.....	1,253	1,179	1,189	1,231	1,084	230	214	213	219	191
Fla.....	20,658	19,886	20,488	20,898	19,853	1,902	1,813	1,849	1,867	1,756
Ga.....	14,080	12,964	12,727	12,291	11,676	2,244	2,046	1,988	1,901	1,788
Idaho.....	11,610	12,501	12,129	11,966	11,009	1,552	1,654	1,589	1,552	1,413
Ill.....	63,014	58,060	52,722	51,667	37,717	5,116	4,666	4,195	4,070	2,941
Ind.....	34,121	30,307	26,726	26,140	20,651	4,594	4,040	3,527	3,415	2,671
Iowa.....	67,966	63,659	56,751	50,358	35,754	7,269	6,801	6,002	5,273	3,706
Kans.....	29,898	30,332	29,028	27,983	22,386	2,989	3,003	2,845	2,715	2,150
Ky.....	15,832	15,341	15,211	14,602	13,142	3,210	3,233	3,173	3,016	2,687
La.....	14,687	14,423	13,645	13,645	12,690	1,701	1,654	1,549	1,534	1,412
Maine.....	1,027	1,074	1,104	1,171	1,335	365	378	385	404	456
Md.....	7,084	6,534	5,727	5,899	5,663	1,445	1,319	1,145	1,167	1,109
Mass.....	1,226	1,293	1,315	1,415	1,613	472	498	496	529	597
Mich.....	14,695	14,569	13,942	13,942	11,990	3,288	3,227	3,057	3,027	2,577
Minn.....	38,942	38,669	35,416	32,937	25,032	5,899	5,799	5,258	4,841	3,642
Miss.....	15,096	14,225	12,784	13,330	11,863	2,197	2,049	1,823	1,882	1,658
Mo.....	30,987	29,484	26,707	26,536	20,433	4,510	4,248	3,809	3,747	2,856
Mont.....	15,487	16,667	15,887	16,141	13,559	1,303	1,388	1,309	1,318	1,096
Nebr.....	34,773	34,675	33,227	29,117	20,964	2,892	2,855	2,708	2,349	1,675
Nev.....	2,332	2,385	2,216	2,260	2,034	284	288	264	267	238
N.H.....	588	613	634	684	780	184	190	194	208	234
N.J.....	3,131	3,245	3,140	3,137	3,420	722	741	710	702	758
N. Mex.....	8,986	8,970	8,188	8,315	7,484	890	879	794	799	712
N.Y.....	7,498	7,800	7,762	7,910	7,594	2,405	2,477	2,440	2,462	2,340
N.C.....	15,276	14,397	14,454	15,177	13,659	2,221	3,005	2,987	3,105	2,767
N. Dak.....	18,007	18,655	17,999	7,999	14,759	1,836	1,883	1,799	1,781	1,446
Ohio.....	29,479	26,064	23,914	22,813	17,794	4,699	4,113	3,736	3,528	2,724
Okl.....	23,154	24,288	23,417	23,067	18,684	2,705	2,809	2,681	2,615	2,097
Oreg.....	12,091	12,690	12,690	12,563	10,427	2,143	2,226	2,204	2,160	1,775
Pa.....	13,955	13,314	13,224	14,282	13,139	3,841	3,628	3,567	3,814	3,474
R.I.....	212	205	207	214	243	50	48	48	49	55
S.C.....	6,124	5,880	5,487	5,192	5,036	1,097	1,043	964	903	867
S. Dak.....	14,706	15,531	15,486	15,021	11,116	1,616	1,690	1,668	1,602	1,173
Tenn.....	14,445	13,936	13,588	13,995	13,156	3,289	3,141	3,032	3,092	2,877
Texas.....	64,397	73,951	74,528	81,117	89,229	5,738	6,523	6,508	7,013	7,637
Utah.....	6,917	7,127	6,720	6,740	6,066	966	985	919	913	813
Vt.....	1,393	1,386	1,431	1,517	1,730	439	432	442	463	523
Va.....	10,956	10,741	11,025	10,803	10,587	2,365	2,295	2,332	2,262	2,195
Wash.....	14,383	15,121	15,208	15,472	14,853	2,378	2,475	2,464	2,482	2,359
W. Va.....	3,065	3,109	2,752	2,536	2,105	752	756	662	604	496
Wisc.....	21,427	21,164	20,257	18,832	15,254	6,131	5,995	5,680	5,228	4,192
Wyo.....	6,300	6,755	6,655	6,851	6,166	593	629	623	625	557
48 States.....	843,657	843,304	804,765	794,034	689,807	115,405	113,540	107,548	105,071	91,045

<sup>1</sup> Total value of land and buildings are derived by multiplying average value per acre of farm real estate by the land in farms.

Economic Research Service.

**Table 541.—Farm real estate: Index numbers of average value per acre, United States, 1950-85 <sup>1</sup>**

[1977 = 100]

Date	Index	Date	Index	Date	Index
1950.....	14	1962.....	26	1974.....	66
1951.....	16	1963.....	27	1975.....	75
1952.....	18	1964.....	29	1976.....	86
1953.....	18	1965.....	31	1977.....	100
1954.....	18	1966.....	33	1978.....	109
1955.....	19	1967.....	35	1979.....	125
1956.....	19	1968.....	38	1980.....	145
1957.....	21	1969.....	40	1981.....	158
1958.....	22	1970.....	42	1982.....	157
1959.....	23	1971.....	43	1983.....	148
1960.....	24	1972.....	47	1984.....	146
1961.....	25	1973.....	53	1985.....	128

See footnotes on page 374.



**Table 542.—Farm real estate: Index numbers of average value per acre, by States 1970, 1982-85 <sup>1</sup>**

[1977 = 100]

State	1970	1982	1983	1984	1985	State	1970	1982	1983	1984	1985
Ala.....	44	174	165	162	154	Nev. <sup>2</sup> .....	50	198	188	192	173
Ariz. <sup>2</sup> .....	56	186	177	181	163	N.H. <sup>3</sup> .....	43	149	152	162	185
Ark.....	54	196	174	167	152	N.J.....	38	128	125	129	141
Calif.....	80	221	223	223	201	N. Mex. <sup>2</sup> .....	53	185	176	180	162
Colo.....	37	164	161	166	154	N.Y.....	39	132	129	133	128
Conn. <sup>3</sup> .....	46	149	152	162	185	N.C.....	46	149	150	158	142
Del.....	35	143	143	146	128	N. Dak.....	34	149	142	142	116
Fla.....	48	149	152	155	147	Ohio.....	35	137	121	116	90
Ga.....	43	128	124	122	116	Okl.....	45	164	156	156	126
Idaho.....	40	151	140	140	129	Oreg.....	54	145	138	137	114
Ill.....	30	131	117	115	84	Pa.....	34	133	128	138	127
Ind.....	32	140	122	121	96	R.I. <sup>3</sup> .....	46	149	152	162	185
Iowa.....	29	139	121	108	77	S.C.....	40	136	128	125	121
Kans.....	40	136	126	122	98	S. Dak.....	39	150	140	136	101
Ky.....	41	154	149	143	129	Tenn.....	45	138	131	135	127
La.....	53	199	195	195	181	Texas.....	52	185	191	208	229
Maine <sup>3</sup> .....	45	149	152	162	185	Utah <sup>2</sup> .....	48	188	179	183	165
Md.....	44	178	160	165	158	Vt. <sup>3</sup> .....	45	149	152	162	185
Mass. <sup>3</sup> .....	46	149	152	162	185	Va.....	40	143	144	143	140
Mich.....	44	152	141	141	121	Wash.....	50	152	152	157	151
Minn.....	32	174	155	144	109	W. Va.....	33	177	177	172	143
Miss.....	57	189	174	183	163	Wis.....	38	174	165	155	126
Mo.....	44	153	133	133	102	Wyo. <sup>2</sup> .....	43	140	133	136	122
Mont.....	39	157	146	149	125						
Nebr.....	37	143	129	114	82	48 States.....	42	157	148	146	128

<sup>1</sup> All farmlands with improvements as of Mar. 1, 1970 and Apr. 1, 1982-85.

<sup>2</sup> Indexes for 1982-85 were estimated using the average of the percentage changes in the Montana, Idaho and Colorado indexes.

<sup>3</sup> Based on an average for the six New England States for 1982-85.

Economic Research Service.

**Table 543.—Livestock: Number and value, United States, Jan. 1, 1983-85**

Class of livestock and poultry	Number			Value					
	1983	1984	1985 <sup>1</sup>	Per head <sup>2</sup>			Total		
				1983	1984	1985 <sup>1</sup>	1983	1984	1985 <sup>1</sup>
	<i>Thou-</i>	<i>Thou-</i>	<i>Thou-</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>
	<i>sands</i>	<i>sands</i>	<i>sands</i>				<i>dollars</i>	<i>dollars</i>	<i>dollars</i>
Cattle.....	115,001	113,700	109,801	406	396	402	46,708,350	44,975,575	44,147,243
Hogs <sup>3</sup> .....	54,534	56,694	54,043	89.90	58.80	75.00	4,903,494	3,330,803	4,053,714
Sheep and lambs.....	12,140	11,487	10,443	51.80	52.10	61.10	628,599	598,904	637,880
Total <sup>4</sup> .....							52,240,443	48,905,282	48,838,837
Chickens <sup>3</sup> .....	379,219	364,880	373,953	1.85	1.96	2.02	702,556	716,700	755,618
Turkey breeder hens <sup>3 5</sup> .....	3,429	3,155	3,159	14.60	17.59	16.54	50,053	55,500	52,244
Total <sup>6</sup> .....							52,993,052	49,677,482	49,646,699

<sup>1</sup> Preliminary.

<sup>2</sup> Based on reporters' estimates of average price per head in their localities.

<sup>3</sup> Dec. 1 of preceding year.

<sup>4</sup> Includes cattle, hogs, and sheep and lambs.

<sup>5</sup> Selected States.

<sup>6</sup> Includes all cattle, hogs, sheep and lambs, and chickens plus turkey breeder hens in 26 major States. Statistical Reporting Service.

Table 544.—Farm real estate: Average value per acre of land and buildings, by State, March 1, 1970, and April 1, 1982-85

State	Mar. 1, 1970	Apr. 1, 1982	Apr. 1, 1983	Apr. 1, 1984	Apr. 1, 1985	State	Mar. 1, 1970	Apr. 1, 1982	Apr. 1, 1983	Apr. 1, 1984	Apr. 1, 1985
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>		<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
Ala.....	200	885	826	809	769	Nev.....	53	268	249	254	229
Ariz.....	70	302	289	295	265	N.H.....	239	1,136	1,174	1,244	1,419
Ark.....	260	1,096	972	933	849	N.J.....	1,092	3,181	3,140	3,284	3,525
Calif.....	479	1,900	1,918	1,918	1,726	N. Mex.....	42	195	178	182	163
Colo.....	95	451	454	468	435	N.Y.....	273	821	817	842	808
Conn.....	921	2,610	2,655	2,814	3,208	N.C.....	333	1,297	1,314	1,380	1,242
Del.....	499	1,787	1,829	1,866	1,642	N. Dak.....	94	455	439	439	360
Fla.....	355	1,518	1,576	1,608	1,527	Ohio.....	399	1,629	1,504	1,444	1,126
Ga.....	234	926	929	910	865	Okla.....	173	725	699	699	566
Idaho.....	177	839	814	814	749	Oreg.....	150	705	705	698	579
Ill.....	490	2,023	1,837	1,800	1,314	Pa.....	373	1,513	1,520	1,642	1,510
Ind.....	406	1,804	1,610	1,594	1,259	R.I.....	734	2,729	2,760	2,926	3,335
Iowa.....	392	1,889	1,684	1,499	1,064	S.C.....	261	980	946	927	899
Kans.....	159	628	601	583	466	S. Dak.....	84	349	348	338	250
Ky.....	253	1,058	1,049	1,007	906	Tenn.....	268	1,040	1,014	1,044	982
La.....	321	1,414	1,351	1,351	1,256	Texas.....	148	539	544	593	652
Maine.....	161	680	708	750	856	Utah.....	92	589	560	571	514
Md.....	640	2,376	2,121	2,185	2,097	Vt.....	224	815	842	893	1,017
Mass.....	565	1,874	1,963	2,081	2,372	Va.....	286	1,096	1,125	1,114	1,091
Mich.....	326	1,278	1,223	1,223	1,052	Wash.....	224	922	933	961	923
Minn.....	226	1,272	1,165	1,083	823	W. Va.....	136	723	688	667	554
Miss.....	234	981	894	939	835	Wis.....	232	1,144	1,113	1,046	847
Mo.....	224	945	856	856	659	Wyo.....	41	193	193	197	177
Mont.....	60	271	259	264	222	48 States...	196	823	788	782	679
Nebr.....	154	730	701	617	444						

Economic Research Service.

**Table 545.—Farm assets and claims: Comparative balance sheet of the farming sector, excluding operator households, United States, Dec. 31, 1969–84**

Item	1969	1970	1971	1972	1973	1974	1975 <sup>1</sup>	1976
<b>ASSETS</b>								
Physical assets:	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Real estate.....	194.2	201.2	216.4	241.8	297.1	326.9	381.0	453.5
Non-real-estate:								
Livestock <sup>2</sup> .....	23.5	23.7	27.3	34.1	42.4	24.5	29.4	29.0
Machinery and motor vehicles.....	28.4	30.0	32.1	34.4	39.5	49.2	58.0	63.9
Crops stored on and off farms <sup>3</sup> .....	10.9	10.7	11.8	14.5	22.0	23.3	21.3	22.1
Financial assets:								
Demand deposits.....	4.4	4.5	4.6	4.8	4.9	4.8	5.0	5.0
Currency.....	2.0	2.0	2.1	2.2	2.2	2.0	2.0	1.9
Investments in cooperatives.....	7.2	8.0	8.8	9.8	10.9	11.4	13.4	14.9
Total <sup>4</sup> .....	270.5	280.2	303.0	341.4	418.9	442.2	510.1	590.4
<b>CLAIMS</b>								
Liabilities:								
Real-estate debt.....	26.2	27.4	29.1	31.7	35.8	40.6	45.2	50.4
Non-real-estate debt to—								
Commodity Credit Corporation <sup>5</sup> .....	2.7	1.9	2.3	1.8	.8	.3	.4	1.0
Other reporting institutions <sup>6</sup> .....	15.0	16.5	18.6	20.8	24.8	27.7	31.3	35.8
Nonreporting creditors <sup>7</sup> .....	5.0	4.8	5.4	5.9	6.7	7.4	8.4	9.8
Total liabilities <sup>4</sup> .....	48.9	50.5	55.3	60.2	68.1	76.0	85.2	97.0
Proprietors' equity.....	221.6	229.7	247.7	281.2	350.8	366.3	424.9	493.4
Total <sup>4</sup> .....	270.5	280.2	303.0	341.4	418.9	442.2	510.1	590.4

  

Item	1977	1978	1979	1980	1981	1982	1983	1984 <sup>8</sup>
<b>ASSETS</b>								
Physical assets:	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Real estate.....	507.6	600.7	704.2	779.2	780.2	745.6	736.1	639.6
Non-real-estate:								
Livestock <sup>2</sup> .....	31.9	51.3	61.4	60.6	53.5	53.0	49.7	49.6
Machinery and motor vehicles.....	69.9	78.2	90.8	96.8	103.0	103.7	100.9	95.0
Crops stored on and off farms <sup>3</sup> .....	24.8	28.0	33.5	36.5	36.1	40.6	33.2	33.7
Financial assets:								
Demand deposits.....	5.2	5.3	5.4	5.5	5.6	5.8	6.1	6.2
Currency.....	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.1
Investments in cooperatives.....	15.4	18.3	20.8	22.8	24.8	27.2	28.5	29.8
Total <sup>4</sup> .....	656.6	783.7	918.1	1,003.2	1,005.2	977.8	956.5	856.1
<b>CLAIMS</b>								
Liabilities:								
Real-estate debt.....	58.0	65.6	78.5	87.9	97.3	101.2	103.7	102.9
Non-real-estate debt to—								
Commodity Credit Corporation <sup>5</sup> .....	4.5	5.7	5.1	5.0	8.0	15.4	10.8	8.7
Other reporting institutions <sup>6</sup> .....	40.4	46.7	55.3	60.1	65.3	67.9	69.4	69.6
Nonreporting creditors <sup>7</sup> .....	12.0	14.0	16.3	17.4	18.4	19.1	18.6	17.6
Total liabilities <sup>4</sup> .....	114.9	131.9	155.2	170.4	189.0	203.7	202.5	198.9
Proprietors' equity.....	541.7	651.8	762.9	832.9	816.3	774.2	754.0	657.2
Total <sup>4</sup> .....	656.6	783.7	918.1	1,003.2	1,005.2	977.8	956.5	856.1

<sup>1</sup> Beginning with 1974, data are for farms included in new farm definition, that is assets and debts on places with sales less than \$1,000 annually are excluded.

<sup>2</sup> Horses and mules are excluded.

<sup>3</sup> Includes all crops held on farms including crops under loan to Commodity Credit Corporation, and crops held off farms as security for CCC loans.

<sup>4</sup> Total of rounded data.

<sup>5</sup> Nonrecourse CCC loans secured by crops owned by farmers and included as assets in this balance sheet.

<sup>6</sup> Loans of all operating banks, the production credit associations, the Farmers Home Administration, and discounts of the Federal intermediate credit banks for agricultural credit corporations and livestock loan companies.

<sup>7</sup> Loans and credits extended by dealers, merchants, finance companies, individuals, and others.

<sup>8</sup> Preliminary.

Economic Research Service.

**Table 546.—Farm assets and claims: Comparative balance sheet of the farming sector, including farm households, United States, Dec. 31, 1969–84**

Item	1969	1970	1971	1972	1973	1974	1975 <sup>1</sup>	1976
<b>ASSETS</b>								
Physical assets:	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Real estate .....	215.8	223.2	239.6	267.4	327.8	359.8	418.2	496.4
Non-real-estate:								
Livestock <sup>2</sup> .....	23.5	23.7	27.3	34.1	42.4	24.5	29.4	29.0
Machinery and motor vehicles .....	32.3	34.4	36.6	39.3	44.2	54.7	64.0	71.0
Crops stored on and off farms <sup>3</sup> .....	10.9	10.7	11.8	14.5	22.0	23.3	21.3	22.1
Household furnishings and equipment .....	9.6	10.0	10.8	11.9	12.3	11.2	11.7	12.1
Financial assets:								
Deposits and currency .....	11.9	12.4	13.2	14.0	14.9	14.0	14.5	14.8
United States savings bonds .....	3.7	3.6	3.7	4.0	4.2	3.8	3.9	3.8
Investments in cooperatives .....	7.2	8.0	8.8	9.8	10.9	11.4	13.4	14.9
Total <sup>4</sup> .....	314.9	326.0	351.8	394.8	478.6	502.7	576.4	664.3
<b>CLAIMS</b>								
Liabilities:								
Real estate debt .....	29.2	30.3	32.2	35.1	39.5	44.7	49.7	55.3
Non-real estate debt to—								
Commodity Credit Corporation <sup>5</sup> .....	2.7	1.9	2.3	1.8	.8	.3	.4	1.0
Other reporting institutions <sup>6</sup> .....	15.8	17.4	19.6	22.0	26.2	29.2	33.1	37.8
Nonreporting creditors <sup>7</sup> .....	5.3	4.9	5.5	6.0	6.9	7.5	8.6	10.0
Total liabilities <sup>4</sup> .....	53.0	54.5	59.6	64.9	73.3	81.8	91.7	104.1
Proprietors' equity .....	261.9	271.5	292.2	330.0	405.2	420.9	484.7	560.2
Total <sup>4</sup> .....	314.9	326.0	351.8	394.8	478.6	502.7	576.4	664.3
<b>ASSETS</b>								
Physical assets:	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Real estate .....	554.8	654.7	765.7	846.6	846.7	808.7	798.0	693.7
Non-real-estate:								
Livestock <sup>2</sup> .....	31.9	51.3	61.4	60.6	53.5	53.0	49.7	49.6
Machinery and motor vehicles .....	77.0	85.1	96.7	102.5	108.8	108.8	105.8	99.4
Crops stored on and off farms <sup>3</sup> .....	24.8	28.0	33.5	36.5	36.1	40.6	33.2	33.7
Household furnishings and equipment .....	13.8	16.0	17.2	19.4	20.8	23.0	24.4	26.1
Financial assets:								
Deposits and currency .....	15.2	15.5	15.9	16.2	16.7	17.4	18.2	19.8
United States savings bonds .....	3.9	4.2	4.0	3.8	3.6	3.5	3.6	3.7
Investments in cooperatives .....	15.4	18.3	20.8	22.8	24.8	27.2	28.5	29.8
Total <sup>4</sup> .....	736.6	873.2	1,015.3	1,108.3	1,111.1	1,082.0	1,061.4	955.8
<b>CLAIMS</b>								
Liabilities:								
Real estate debt .....	63.5	71.6	85.6	95.8	105.8	110.0	112.6	111.6
Non-real estate debt to—								
Commodity Credit Corporation <sup>5</sup> .....	4.5	5.7	5.1	5.0	8.0	15.4	10.8	8.7
Other reporting institutions <sup>6</sup> .....	42.7	49.5	58.8	63.9	69.5	72.3	73.9	74.2
Nonreporting creditors <sup>7</sup> .....	12.2	14.3	16.6	17.7	18.8	19.5	18.9	18.0
Total liabilities <sup>4</sup> .....	123.0	141.1	166.1	182.3	202.1	217.2	216.2	212.5
Proprietors' equity .....	613.6	732.1	849.3	926.0	909.0	864.8	845.1	743.3
Total <sup>4</sup> .....	736.6	873.2	1,015.3	1,108.3	1,111.1	1,082.0	1,061.4	955.8

<sup>1</sup> Beginning with 1975, data are for farms included in new farm definition, that is, assets and debts on places with sales less than \$1,000 annually are excluded.

<sup>2</sup> Horses and mules are excluded.

<sup>3</sup> Includes all crops held on farms including crops under loan to Commodity Credit Corporation, and crops held off farms as security for CCC loans.

<sup>4</sup> Total of rounded data.

<sup>5</sup> Nonrecourse CCC loans secured by crops owned by farmers and included as assets in this balance sheet.

<sup>6</sup> Loans of all operating banks, the production credit associations, the Farmers Home Administration, and discounts of the Federal intermediate credit banks for agricultural credit corporations and livestock loan companies.

<sup>7</sup> Loans and credits extended by dealers, merchants, finance companies, individuals, and others.

<sup>8</sup> Preliminary.

Economic Research Service.



**Table 547.—Farm machinery and equipment: Number of specified kinds on farms, and tractor horsepower, Jan. 1, United States, 1970-85**

Year	Tractors (exclusive of steam and garden)			Tractor horsepower	Motor-trucks	Grain combines <sup>1</sup>	Corn heads <sup>2</sup>	Pickup balers <sup>3</sup>	Field forage harvesters <sup>4</sup>
	Total	Wheel	Crawler						
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Millions</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1970 .....	4,619	4,416	203	203	2,984	790	635	708	304
1971 .....	4,584	4,391	193	206	2,994	760	630	700	300
1972 .....	4,549	4,366	183	209	3,003	725	625	692	298
1973 .....	4,518	4,345	173	212	3,013	701	621	684	292
1974 .....	4,493	4,329	164	219	3,023	698	618	674	295
1975 .....	4,469	4,311	158	222	3,032	524	615	667	255
1976 .....	4,434	4,281	153	228	3,043	527	610	641	263
1977 .....	4,402	4,260	142	232	3,044	535	605	615	270
1978 <sup>5</sup> .....	4,804	4,653	151	251	3,386	656	695	747	296
1979 .....	4,776	4,626	150	301	3,358	655	706	744	295
1980 .....	4,752	4,604	148	304	3,344	652	701	756	293
1981 .....	4,726	4,580	146	306	3,350	650	696	770	291
1982 .....	4,697	4,552	145	306	3,389	647	690	785	288
1983 .....	4,669	4,524	145	309	3,435	644	684	800	285
1984 .....	4,671	4,527	144	311	3,402	644	684	800	285
1985 <sup>6</sup> .....	4,676	4,533	143	311	3,380	645	684	800	285

<sup>1</sup> Data for 1975 and thereafter are for self-propelled combines only.<sup>2</sup> Includes cornpickers and picker-shellers.<sup>3</sup> Does not include large balers that produce over 200-pound bales.<sup>4</sup> Data for 1976 and thereafter do not include flail-type forage harvesters.<sup>5</sup> U.S. totals for 1978 are not directly comparable with totals for 1974 or earlier census years, because they include State-level data from farm operators represented on the Census mailing list, plus estimates from the direct enumeration sample for farms not on the mailing list. As a result, figures for nearly all categories are somewhat higher than they would be using the earlier base. The 1974 U.S. data include only operations represented on the mailing list. Estimates are pegged to Census year data for all noncensus years before 1978.<sup>6</sup> Preliminary.

Economic Research Service.

## FOOTNOTES FOR TABLE 550

<sup>1</sup> Total population includes Armed Forces overseas.<sup>2</sup> Farm population is defined as all persons living on places of 10 or more acres with at least \$50 worth of agricultural products sold in reporting year, and places of under 10 acres if at least \$250 worth of agricultural products were sold.<sup>3</sup> Beginning 1978, the farm population is defined as all persons living on places with \$1,000 or more of agricultural sales in the reporting year.<sup>4</sup> July.

Economic Research Service and the U.S. Department of Commerce.

**Table 548.—Farm machines, selected types: Units manufactured in the United States, 1970-83**

Year	Tractor moldboard plows	Subsoilers, deep tillage	Chisel plows or tillers (chisel or sweep type)	Field cultivators	Tractor cultivators <sup>1</sup>	Power sprayers and dusters	Crop driers (heated air)
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1970.....	37,894		14,946	16,986	25,857	39,298	7,153
1971.....	34,519		13,231	14,439	20,451	36,718	13,245
1972.....	44,914		18,296	16,766	19,180	37,649	16,997
1973.....	59,636		23,817	19,387	36,133	63,359	23,364
1974.....	60,543		29,466	25,615	41,450	81,039	34,781
1975.....	56,659		35,898	30,178	48,404	61,835	30,808
1976.....	52,711		38,199	31,942	40,299	55,593	29,904
1977.....	46,325		30,278	26,462	33,999	54,957	41,427
1978.....	32,111		23,169	18,712	38,355	62,269	39,951
1979.....	39,507		26,554	24,251	42,555	75,428	32,308
1980.....	26,759	8,302	20,407	20,154	32,876	63,588	24,301
1981.....	23,938	4,812	15,550	13,652	25,197	53,717	20,271
1982.....	8,538	3,010	8,971	8,517	14,622	42,897	27,360
1983.....	5,764	2,360	6,217	7,851	8,510	39,152	9,087

  

Year	Side delivery hay rakes	Pick-up hay balers	Field forage harvesters	Combines (harvester threshers)	Small grain headers for combines	Corn picking units (combine attachments)	Cotton strippers and pickers
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1970.....	16,476	30,476	21,190	21,017		15,855	766
1971.....	15,863	23,050	18,920	21,229		20,230	1,483
1972.....	14,126	27,989	20,248	21,172		20,642	2,266
1973.....	19,436	32,656	26,890	25,241		24,985	2,591
1974.....	21,010	41,890	25,304	28,644		29,228	2,612
1975.....	22,591	49,118	22,792	31,259		26,741	1,361
1976.....	21,896	50,151	22,627	31,712		25,087	1,127
1977.....	20,328	42,621	18,740	31,943		24,035	1,816
1978.....	20,602	43,982	16,941	32,020		18,629	1,775
1979.....	19,126	52,210	17,090	32,357		20,052	1,279
1980.....	19,707	49,511	15,823	25,502	46,162	14,601	8,108
1981.....	13,615	39,149	9,563	32,062	48,695	17,107	7,837
1982.....	10,089	24,432	6,365	22,726	24,656	7,228	5,031
1983.....	7,266	25,018	5,357	13,673	14,286	4,368	3,162

  

Year	Peanut combines	Potato harvesters	Manure spreaders	Power grinders and crushers	Silo unloaders <sup>2</sup>	Milking machines <sup>3</sup>	Mower-conditioners (combination) <sup>4</sup>
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1970.....	1,877	1,118	35,461	5,434	19,185	12,141	24,549
1971.....	2,291	751	29,394	5,377	19,351	12,175	25,455
1972.....	2,218	628	28,961	5,091	20,908	14,043	21,204
1973.....	2,236	746	30,615	8,653	27,424	14,826	29,881
1974.....	2,131	1,183	38,004	7,386	27,822	16,252	37,258
1975.....	2,647	1,273	29,977	9,080	20,288	10,976	35,539
1976.....	1,919	1,328	26,239	4,871	21,556	9,303	32,940
1977.....	1,790	1,005	24,541	6,508	25,899	10,704	27,517
1978.....	1,974	758	24,118	10,614	29,040	11,507	29,921
1979.....	1,632	362	24,649	11,077	25,663	14,274	35,039
1980.....	880	258	24,217	8,035	21,415	80,392	38,171
1981.....	270	389	16,254	6,662	16,599	90,381	31,059
1982.....	974	342	11,540	4,206	10,402	66,083	20,051
1983.....	1,055	302	11,451	3,334	8,699	48,855	15,048

<sup>1</sup> Row cultivators, tractor-drawn or mounted; beet or field cultivators not included.

<sup>2</sup> Beginning 1970, horizontal silo unloaders not included.

<sup>3</sup> Includes only the number of vacuum-pump units for stationary and portable milking machines.

<sup>4</sup> Includes also self-propelled windrowers.

Agricultural Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 549.—Farm machines and equipment: Value of shipments, including exports, by classes, United States, 1970-83**

Year	Total	Plows and listers	Harrows, rollers, pulverizers, and stalk cutters	Planting and fertilizing machinery	Cultivators and weeders	Harvesting machinery	Haying machinery	Machines for preparing crops for market or use
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1970.....	2,875,604	76,164	153,354	161,053	62,425	479,118	151,778	85,360
1971.....	2,996,944	75,974	148,565	156,538	59,629	540,532	147,158	94,219
1972.....	3,681,826	98,810	188,505	196,517	76,920	643,869	190,239	110,899
1973.....	4,455,022	130,635	249,018	244,528	104,196	832,482	256,596	171,860
1974.....	5,959,092	182,301	394,993	354,436	162,786	1,093,207	407,652	254,921
1975.....	7,046,354	250,134	476,274	480,273	227,440	1,253,430	481,334	262,379
1976.....	7,525,216	266,660	478,322	516,847	224,013	1,435,307	508,250	233,656
1977.....	7,986,664	239,151	465,974	550,782	212,634	1,599,772	469,715	308,932
1978.....	7,829,004	203,617	462,419	522,416	206,125	1,815,631	533,738	356,008
1979.....	9,791,383	273,496	601,262	652,944	275,519	2,133,516	674,621	384,916
1980.....	9,450,357	245,875	555,377	680,743	275,793	2,207,075	778,199	340,083
1981.....	10,001,549	233,199	522,491	802,378	235,994	2,579,889	711,748	319,425
1982.....	7,768,197	151,887	360,522	673,080	202,153	2,069,585	545,099	282,420
1983.....	6,136,839	128,218	341,610	449,458	136,455	1,478,203	524,708	186,345

  

Year	Tractors for farm use	Farm wagons and trucks	Sprayers and dusters	Elevators and blowers	Dairy equipment	Poultry equipment	Hog equipment	Other barn and barnyard equipment
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1970.....	1,322,642	68,609	52,258	34,792	41,555	72,708	30,983	82,705
1971.....	1,395,359	77,116	54,624	38,803	44,571	57,365	17,738	88,753
1972.....	1,700,407	103,793	61,049	51,979	60,543	62,859	25,990	109,447
1973.....	1,830,337	144,848	99,791	69,258	67,157	72,374	37,382	144,560
1974.....	2,321,889	186,204	139,287	91,952	80,309	76,154	45,480	167,521
1975.....	2,867,473	178,577	155,752	100,404	68,037	70,023	37,574	137,250
1976.....	3,044,640	173,130	158,848	87,611	77,087	100,472	59,793	160,580
1977.....	3,211,575	183,934	161,709	114,691	97,347	127,867	54,481	188,150
1978.....	3,203,157	247,779	197,931	157,168	108,920	159,452	95,266	251,587
1979.....	3,314,388	276,557	245,368	173,492	134,301	223,333	120,728	306,942
1980.....	3,108,391	207,105	254,083	140,809	143,732	174,931	63,951	274,220
1981.....	3,414,133	212,087	248,491	117,986	159,961	144,939	41,530	257,298
1982.....	2,474,884	172,989	257,882	112,436	110,656	110,409	41,946	202,249
1983.....	1,981,620	153,347	228,757	72,576	118,543	103,706	50,094	183,199

Agricultural Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 550.—Population: Total and farm, United States, April 1970-84**

Year	Total popula- tion <sup>1</sup>	Farm population		Year	Total popula- tion <sup>1</sup>	Farm population	
		Number	Percent- age of total			Number	Percent- age of total
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Percent</i>		<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Percent</i>
Previous definition: <sup>2</sup>				1981.....	229,466	6,942	3.0
1970.....	204,401	9,712	4.8	1982.....	231,776	6,870	3.0
1971.....	207,065	9,425	4.6	1983.....	234,015	7,029	3.0
1972.....	209,386	9,610	4.6	Current definition: <sup>3</sup>			
1973.....	211,420	9,472	4.5		221,991	6,501	2.9
1974.....	213,361	9,264	4.3		224,431	6,241	2.8
1975.....	215,353	8,864	4.1		227,061	6,051	2.7
1976.....	217,528	8,253	3.8		229,466	5,850	2.5
1977.....	219,684	7,806	3.6		231,776	5,628	2.4
1978.....	221,991	8,005	3.6		234,015	5,787	2.5
1979.....	224,431	7,553	3.4		236,681	5,754	2.4
1980.....	227,061	7,241	3.2	1984 *.....			

See footnotes on page 380.

Table 551.—Farm labor: Number of workers on farms and average wage rates, by States and regions, July 8-14, 1984

State and region	Workers on farms		Farm wage rates <sup>3</sup>				
	Unpaid <sup>1</sup>	Hired <sup>2</sup>	Type of worker			Method of pay	
			Field	Livestock	Field and livestock	Hourly	Other
	Thousands	Thousands	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour
N.Y.....	59	46	3.30	3.00	3.20	3.43	3.24
Pa.....	73	34	3.78	3.48	3.71	3.90	3.69
Va.....	49	19	3.74	3.49	3.70	3.70	3.82
Northeast <sup>4</sup> .....	268	170	3.58	3.27	3.49	3.78	3.55
Ark.....	50	21	3.62	4.40	3.81	3.95	3.96
Fla.....	26	46	4.09	4.20	4.11	4.51	5.18
Ga.....	37	43	3.07	3.79	3.22	3.47	3.34
La.....	19	18	3.89	4.08	3.91	4.10	4.78
Miss.....	33	24	3.32	3.42	3.35	3.46	3.65
N.C.....	68	95	3.40	4.19	3.48	3.47	4.26
Southeast <sup>5</sup> .....	372	338	3.42	3.88	3.49	3.72	3.84
Ill.....	95	45	3.89	3.64	3.85	4.06	4.14
Ind.....	68	23	3.65	3.53	3.60	3.69	3.89
Iowa.....	138	48	3.81	3.77	3.80	4.04	3.82
Ky.....	73	23	3.39	4.30	3.93	4.06	4.07
Mich.....	79	43	3.96	4.47	4.02	3.97	5.40
Minn.....	165	43	3.84	3.21	3.67	3.98	2.90
Mo.....	121	26	3.41	4.01	3.60	3.89	3.87
Ohio.....	81	39	4.04	3.84	4.00	4.27	4.20
Wis.....	124	46	3.20	2.75	2.98	3.16	3.16
North Central.....	944	336	3.77	3.53	3.70	3.89	3.79
Kans.....	75	23	4.00	4.20	4.03	4.45	4.40
Nebr.....	71	31	4.20	4.30	4.23	4.32	3.85
Tex.....	130	90	3.80	4.00	3.87	3.90	4.10
Plains <sup>6</sup> .....	441	195	3.93	4.24	4.02	4.18	4.25
Ariz.....	14.5	15	3.87	4.15	3.92	3.93	5.28
Colo.....	37	13	3.35	4.52	4.03	4.11	4.39
Idaho.....	28	23	3.48	3.44	3.47	3.60	3.50
Intermountain <sup>7</sup> .....	153	85	3.63	4.18	3.75	3.81	4.00
Calif.....	67	206	4.88	4.87	4.88	4.83	6.07
Hawaii.....	14.4	12	6.13	(*)	6.11	6.90	8.80
Oreg.....	34	47	4.29	4.00	4.23	4.22	3.80
Wash.....	32	46	4.33	(*)	4.51	4.73	5.65
Pacific.....	137	311	4.75	4.85	4.76	4.84	5.76
U.S. (49 States).....	2,315	1,435	3.93	3.93	3.93	4.12	4.17

<sup>1</sup> Includes farm operators doing 1 or more hours of farm work and other unpaid workers working 15 hours or more during the survey week without cash wages.

<sup>2</sup> Includes all persons doing work for pay during the survey week.

<sup>3</sup> Perquisites such as room and board, housing, etc. are provided some workers in addition to wage rates shown.

<sup>4</sup> Listed States plus Conn., Del., Maine, Md., Mass., N.H., N.J., R.I., Vt., and W. Va.

<sup>5</sup> Listed States plus Ala., S.C., and Tenn.

<sup>6</sup> Listed States plus N. Dak., Okla., and S. Dak.

<sup>7</sup> Listed States plus Mont., Nev., N. Mex., Utah, and Wyo.

<sup>8</sup> Insufficient data for this category—data included in field and livestock combined and in region and U.S. wage rates.

Statistical Reporting Service.



**Table 552.—Farm labor: Number of workers on farms and average wage rates, by States and regions, October 7–13, 1984**

State and region	Workers on farms		Farm wage rates <sup>3</sup>				
	Unpaid <sup>1</sup>	Hired <sup>2</sup>	Type of worker			Method of pay	
			Field	Livestock	Field and livestock	Hourly	Other
	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars per hour</i>	<i>Dollars per hour</i>	<i>Dollars per hour</i>	<i>Dollars per hour</i>	<i>Dollars per hour</i>
N.Y. ....	61	38	4.04	2.92	3.66	3.56	3.30
Pa. ....	60	21	3.74	3.89	3.81	4.05	4.41
Va. ....	43	13	3.65	3.78	3.68	3.73	3.64
Northeast <sup>4</sup> .....	230	125	4.01	3.41	3.80	3.96	3.69
Ark. ....	48	15	3.56	4.36	3.76	4.07	4.27
Fla. ....	22	63	4.27	4.82	4.40	4.70	5.79
Ga. ....	36	32	3.08	3.88	3.33	3.53	3.46
La. ....	17	15	3.85	( <sup>9</sup> )	3.90	3.95	4.85
Miss. ....	27	15	3.43	2.20	3.35	3.54	4.78
N.C. ....	50	25	3.76	4.09	3.84	3.93	3.74
Southeast <sup>5</sup> .....	312	235	3.73	4.20	3.86	4.02	4.50
Ill. ....	114	27	4.17	4.03	4.14	4.27	4.53
Ind. ....	59	11	3.53	4.61	3.87	3.80	4.35
Iowa ....	129	22	4.11	4.14	4.12	4.21	4.74
Ky. ....	65	25	3.75	4.55	4.05	4.23	4.28
Mich. ....	69	32	4.65	4.40	4.62	4.52	3.92
Minn. ....	140	28	4.64	3.09	3.72	4.24	4.03
Mo. ....	93	13	3.39	4.09	3.82	3.99	4.73
Ohio ....	51	22	4.07	3.76	3.98	4.30	4.80
Wis. ....	117	38	3.98	3.29	3.49	3.67	3.59
North Central .....	837	218	4.13	3.67	3.94	4.12	4.22
Kans. ....	73	15	5.40	4.90	5.00	4.85	5.02
Nebr. ....	64	22	5.01	4.53	4.64	4.87	4.74
Tex. ....	145	64	4.00	4.20	4.12	4.31	4.50
Plains <sup>6</sup> .....	420	144	4.36	4.36	4.36	4.63	4.68
Ariz. ....	14	11	4.61	4.17	4.52	4.51	5.61
Colo. ....	28	8	4.67	3.36	4.03	4.34	4.55
Idaho ....	22	18	4.00	3.56	5.88	4.00	3.89
Intermountain <sup>7</sup> .....	125	55	4.22	3.74	4.07	4.21	4.23
Calif. ....	59	175	4.93	5.10	4.98	5.05	6.32
Hawaii ....	3	12	6.52	( <sup>9</sup> )	6.48	7.01	9.72
Oreg. ....	28	21	4.96	4.17	4.71	4.76	4.52
Wash. ....	20	40	5.89	6.37	5.94	5.27	6.50
Pacific .....	110	248	5.22	5.10	5.19	5.14	6.29
U.S. (49 States) .....	2,034	1,025	4.40	4.12	4.31	4.45	4.64

<sup>1</sup> Includes farm operators doing 1 or more hours of farm work and other unpaid workers working 15 hours or more during the survey week without cash wages.

<sup>2</sup> Includes all persons doing work for pay during the survey week.

<sup>3</sup> Perquisites such as room and board, housing, etc. are provided some workers in addition to wage rates shown.

<sup>4</sup> Listed States plus Conn., Del., Maine, Md., Mass., N.H., N.J., R.I., Vt., and W. Va.

<sup>5</sup> Listed States plus Ala., S.C., and Tenn.

<sup>6</sup> Listed States plus N. Dak., Okla., and S. Dak.

<sup>7</sup> Listed States plus Mont., Nev., N. Mex., Utah, and Wyo.

<sup>8</sup> Insufficient data for this category—data included in field and livestock combined and in region and U.S. wage rates.

Statistical Reporting Service.

Table 553.—Farm labor: Number of workers on farms, average wage rates, and indexes, United States, 1971-84 <sup>1</sup>

Year	Total workers		Family workers <sup>2</sup>		Hired workers <sup>3</sup>		Hired farm workers <sup>3</sup>	
	Number of workers	Index <sup>4</sup> 1977=100	Number of workers	Index <sup>4</sup> 1977=100	Number of workers	Index <sup>4</sup> 1977=100	Wage rates	Index <sup>4</sup> 1977=100
1971.....	4,436.3	106	3,275.1	114	1,161.2	89	1.48	52
1972.....	4,373.4	105	3,227.7	113	1,145.7	88	1.58	55
1973.....	4,336.7	104	3,169.0	111	1,167.7	89	1.73	60
1974.....	4,388.9	105	3,074.7	107	1,314.2	101	2.25	78
1975.....	4,342.1	104	3,025.5	106	1,316.6	101	2.43	85
1976.....	4,373.9	105	2,997.2	105	1,376.7	105	2.66	93
1977.....	4,169.9	100	2,863.0	100	1,306.9	100	2.87	100
Jan.....	3,229.7	100	2,412.4	100	817.3	100	2.96	100
Apr.....	4,126.4	100	2,969.1	100	1,157.3	100	2.82	100
July.....	5,059.5	100	3,186.9	100	1,872.6	100	2.77	100
Oct.....	4,155.9	100	2,839.1	100	1,316.8	100	2.99	100
1978 <sup>5</sup> .....	3,956.6	95	2,688.9	94	1,267.7	97	3.09	108
Jan.....	3,009.5	93	2,245.2	93	764.3	94	3.18	107
Apr.....	3,688.5	89	2,593.4	87	1,095.1	95	3.09	110
July.....	4,967.8	98	3,119.8	98	1,848.0	99	2.94	106
Oct.....	4,080.0	98	2,762.6	97	1,317.4	100	3.19	107
1979.....	3,774.2	91	2,501.2	87	1,273.0	97	3.39	118
Jan.....	2,996.5	93	2,198.7	91	797.8	98	3.38	114
Apr.....	3,480.6	84	2,424.4	82	1,056.2	91	3.40	121
July.....	4,639.3	92	2,831.9	89	1,807.4	97	3.23	117
Oct.....	3,943.5	95	2,525.1	89	1,418.4	108	3.57	119
1980.....	3,705.3	89	2,402.3	84	1,303.0	100	3.66	128
Jan.....	3,021.5	94	2,111.9	88	909.6	111	3.69	125
Apr.....	3,441.4	83	2,255.0	76	1,186.4	103	3.61	128
July.....	4,542.6	90	2,751.2	86	1,791.4	96	3.54	128
Oct.....	3,791.4	91	2,485.4	88	1,306.0	99	3.85	129
1981.....								
Jan.....	2,997.5	93	2,068.9	86	928.6	114	4.12	139
Apr.....	3,662.5	89	2,402.9	81	1,259.6	109	3.92	139
1982.....								
July.....	4,043.4	80	2,494.4	78	1,549.0	83	4.00	144
1983.....								
July.....	3,749.0	74	2,271.0	71	1,478.0	79	4.11	148
1984.....								
July.....	3,750.0	74	2,315.0	73	1,435.0	77	4.16	150
Oct.....	3,059.0	74	2,034.0	71	1,025.0	78	4.56	153

<sup>1</sup> Through 1973 arithmetic means of monthly estimates of persons employed during last full calendar week ending at least one day before the end of the month. Beginning 1974, annual averages are the straight averages of the quarterly Multiple Frame Labor Surveys which cover the weeks that include the twelfth of January, April, July, and October. The quarterly farm labor surveys were discontinued after April 1981. An annual survey was implemented in 1982 which surveys establishments in July obtaining data for the week that includes the 12th. <sup>2</sup> Includes farm operators doing 1 or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages. <sup>3</sup> Includes all persons doing farm work for pay during the survey week.

<sup>4</sup> Index is not seasonally adjusted. <sup>5</sup> Hawaii included in U.S. averages beginning 1978.

Statistical Reporting Service.

**Table 554.—Migratory farm workers: Number and sex of workers, average days worked and earnings received, United States, selected years 1970-84 <sup>1</sup>**

Year	All migratory farm workers			Migratory workers with 25 days or more of hired farm work				
	Total	Male	Female	Number of workers	Average days worked		Average earnings received during year	
					At farm and nonfarm work	At farm work	At farm and nonfarm work	At farm work
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Days</i>	<i>Days</i>	<i>Dollars</i>	<i>Dollars</i>
1970 .....	196	161	35	135	148	123	2,007	1,697
1971 .....	172	142	30	117	142	111	1,830	1,407
1972 .....	184	133	51	138	158	124	2,434	1,814
1973 .....	203	170	34	146	177	138	2,873	2,276
1974 .....	209	179	30	141	149	111	3,102	2,423
1975 .....	188	143	45	143	170	122	3,522	2,586
1976 .....	213	153	60	147	166	114	3,709	2,551
1977 .....	191	152	38	152	165	120	3,839	2,791
1978 <sup>2</sup> .....								
1979 .....	217	165	52	161	180	115	5,004	2,996
1980 <sup>2</sup> .....								
1981 .....	115	96	20	91	167	138	4,271	3,361
1982 <sup>2</sup> .....								
1983 <sup>3</sup> .....	226	194	33	191	207	146	6,292	5,439
1984 <sup>2</sup> .....								

<sup>1</sup> Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who did migratory farm work at some time during the year. Migratory workers are those who leave their homes temporarily overnight to do farm work in another county or State. Data do not include foreign nationals who entered the United States to do farmwork but left the country before the time of the survey. <sup>2</sup> Beginning in 1977, survey data were collected biennially. <sup>3</sup> Revised.

Economic Research Service. Based on data from an enumerative sample survey made by the Bureau of the Census, U.S. Department of Commerce for the Economic Research Service.

**Table 555.—Workers who did only hired farm work: Number of workers, average days worked and earnings received, United States, selected years 1970-84 <sup>1</sup>**

Year	Workers who did 25 days or more of hired farm work			Year	Workers who did 25 days or more of hired farm work		
	Total	Average days worked	Average earnings received during year		Total	Average days worked	Average earnings received during year
	<i>Thousands</i>	<i>Days</i>	<i>Dollars</i>		<i>Thousands</i>	<i>Days</i>	<i>Dollars</i>
1970 .....	925	157	1,685	1978 <sup>2</sup> .....			
1971 .....	929	156	1,843	1979 .....	1,168	169	4,126
1972 .....	1,109	161	2,182	1980 <sup>2</sup> .....			
1973 .....	1,072	175	2,645	1981 <sup>2</sup> .....	1,035	179	4,986
1974 .....	1,073	166	2,814	1982 <sup>2</sup> .....			
1975 .....	972	171	3,082	1983 <sup>3</sup> .....	1,118	172	5,544
1976 .....	1,068	160	3,176	1984 <sup>2</sup> .....			
1977 .....	1,133	170	3,592				

<sup>1</sup> Data are obtained from persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who did hired farm work at some time during the year. This series differs from the hired workers series shown in table 552 which estimates farm employment from a survey of farm operators.

<sup>2</sup> Beginning in 1977, the survey was conducted biennially.

<sup>3</sup> Revised.

Economic Research Service. Based on data from an enumerative sample survey made by the Bureau of the Census, U.S. Department of Commerce for the Economic Research Service.

**Table 556.—All hired farm workers: Number and sex of workers, average days worked and earnings received, United States, selected years 1970-84 <sup>1</sup>**

Year	All hired farm workers			Workers with 25 days or more of hired farm work during the year				
	Total	Male	Female	Number of hired farm workers	Average days worked		Average earnings received during year	
					At farm and nonfarm work	At farm work	At farm and nonfarm work	At farm work
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Days</i>	<i>Days</i>	<i>Dollars</i>	<i>Dollars</i>
1970.....	2,488	1,889	599	1,394	170	137	2,044	1,519
1971.....	2,550	1,944	606	1,359	168	135	2,150	1,576
1972.....	2,809	2,169	641	1,679	176	141	2,491	1,877
1973.....	2,671	2,115	555	1,585	188	154	2,942	2,303
1974.....	2,737	2,165	572	1,568	178	145	3,051	2,433
1975.....	2,638	2,036	602	1,458	179	146	3,274	2,584
1976.....	2,767	2,086	681	1,622	174	139	3,516	2,714
1977.....	2,730	2,092	638	1,675	182	146	3,973	3,018
1978 <sup>2</sup> .....								
1979.....	2,652	2,075	576	1,753	190	150	4,883	3,605
1980 <sup>2</sup> .....								
1981.....	2,492	1,918	574	1,523	188	154	5,281	4,214
1982 <sup>2</sup> .....								
1983 <sup>3</sup> .....	2,595	2,017	578	1,623	191	155	5,934	4,878
1984 <sup>2</sup> .....								

<sup>1</sup> Data are obtained from persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who performed hired farm work at some time during the year. This series differs from the hired workers series shown in table 552 which estimates farm employment from a survey of farm operators.

<sup>2</sup> Beginning in 1977, survey data were collected biennially.

<sup>3</sup> Revised.

Economic Research Service. Based on data from an enumerative sample survey made by the Bureau of the Census, U.S. Department of Commerce for the Economic Research Service.





[illegible]

<sup>1</sup> Hawaii is included in commercial vegetables and in area and production of sugarcane, but is excluded from other crops. <sup>2</sup> Preliminary. <sup>3</sup> Includes area seeded in preceding fall. <sup>4</sup> Area seeded in preceding fall. <sup>5</sup> Yield in pounds. <sup>6</sup> Clean basis. <sup>7</sup> Fresh basis. <sup>8</sup> Crop year begins with bloom in one year and ends with completion of harvest the following year. Citrus production is for the year of harvest. <sup>9</sup> Year of bloom. <sup>10</sup> Processing only. <sup>11</sup> For breakdown between fresh market and processing, see individual crop tables.

n.a. not available.

Statistical Reporting Service.

Table 558.—Crops: Area, United States, 1970-84

Year	Principal crops				Commercial vegetables, harvested area <sup>5</sup>	Fruits and planted nuts, bearing area <sup>6</sup>
	Harvested area			Planted area total <sup>4</sup>		
	Feed grains <sup>1</sup>	Food grains <sup>2</sup>	Total <sup>3</sup>			
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1970.....	99,232	46,806	283,096	293,211	3,204.8	3,170.3
1971.....	106,074	51,254	295,056	305,830	3,168.4	3,232.3
1972.....	93,780	50,171	282,976	294,609	3,232.6	3,204.2
1973.....	101,908	57,273	309,956	318,381	3,363.6	3,248.1
1974.....	99,752	68,683	315,941	326,076	3,333.4	3,314.4
1975.....	104,683	73,045	324,040	332,236	3,416.6	3,437.6
1976.....	106,245	74,126	325,324	336,091	3,202.0	3,374.6
1977.....	108,624	69,612	333,282	344,873	3,217.0	3,485.8
1978.....	105,714	60,391	326,423	336,438	3,255.6	3,504.6
1979.....	102,510	66,173	336,736	345,803	3,298.0	3,510.9
1980.....	101,391	75,087	340,103	355,677	3,044.9	3,556.0
1981.....	106,646	85,119	354,295	363,167	2,971.5	3,537.4
1982.....	106,127	81,876	349,644	358,708	2,189.8	3,551.6
1983.....	80,287	64,455	293,944	309,536	2,158.4	3,583.6
1984.....	106,418	70,691	335,644	344,927	2,454.2	3,620.0

<sup>1</sup> Corn for grain, oats, barley, and sorghum for grain. <sup>2</sup> Wheat, rye, and rice. <sup>3</sup> Crop area included is for corn, sorghum, oats, barley, wheat, rice, rye, soybeans, flaxseed, peanuts, sunflower (beginning 1975), cotton, all hay, dry edible beans, potatoes, sweetpotatoes, tobacco, sugarcane, and sugarbeets; popcorn and dry edible peas also included for 1970 through 1972. <sup>4</sup> Crop area included is as follows: Planted acres for corn, sorghum, oats, barley, durum and other spring wheat, rice, soybeans, flaxseed, peanuts, sunflower (beginning 1975), cotton, dry edible beans, potatoes, sweetpotatoes, and sugarbeets; harvested acres for winter wheat, rye, all hay, tobacco and sugarcane; popcorn and dry edible peas also included for 1970 through 1972. <sup>5</sup> Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested. <sup>6</sup> Includes the following fruits and nuts: Citrus fruits—oranges, tangerines, lemons, grapefruit, lemons, limes and tangelos (area is for the year of harvest); deciduous fruits—commercial apples, peaches, pears, grapes, cherries, plums, prunes, apricots, bananas, nectarines, figs, kiwifruit (beginning 1980), olives, avocados, papayas, dates, persimmons (prior to 1978), pineapples and pomegranates; nuts—walnuts, almonds, filberts, macadamias, and pistachios (beginning 1977).

Statistical Reporting Service.

Table 559.—Harvested crops: Area required for specified purposes, United States, 1970-84

Year	Crops harvested <sup>1</sup>	Area used for producing—			Total population July 1 <sup>3</sup>	Year	Crops harvested <sup>1</sup>	Area used for producing—			Total population July 1 <sup>3</sup>
		Export products <sup>2</sup>	Products for domestic use					Export products <sup>2</sup>	Products for domestic use		
			Total	Per capita					Total	Per capita	
	Million acres	Million acres	Million acres	Acres	Millions		Million acres	Million acres	Million acres	Acres	Millions
1970.....	293	72	221	1.08	205	1978.....	338	114	224	1.00	223
1971.....	305	62	243	1.17	208	1979.....	348	125	223	.99	225
1972.....	294	91	203	.97	210	1980.....	352	137	215	.94	228
1973.....	321	96	225	1.06	212	1981.....	366	129	237	1.03	230
1974.....	328	99	229	1.07	214	1982.....	362	113	249	1.07	232
1975.....	336	100	236	1.09	216	1983.....	306	124	182	.78	234
1976.....	337	97	240	1.10	218	1984 <sup>4</sup> .....	348	111	237	1.00	237
1977.....	345	112	233	1.06	220						

<sup>1</sup> Area in principal crops harvested as reported by The Crop Reporting Board, SRS, plus area in vegetables, fruits, tree nuts, and farm gardens.

<sup>2</sup> Area for exports relate to exports for year beginning July 1 through 1974 and for October 1 thereafter. Area includes seeds for crops and feed for livestock that are exported.

<sup>3</sup> Includes persons in our military forces in this country and abroad.

<sup>4</sup> Preliminary.

Economic Research Service.



Table 560.—Total farm input: Index numbers of farm input by major subgroups, United States, 1970-84

[1977=100]

Year	Total input	Farm labor	Farm real estate	Mechanical power and machinery	Agricultural chemicals <sup>1</sup>	Feed, seed, and livestock purchases <sup>2</sup>	Taxes and interest	Miscellaneous
1970.....	97	126	105	85	75	96	102	89
1971.....	98	123	103	87	81	102	101	89
1972.....	97	116	102	86	86	104	102	92
1973.....	98	114	100	90	90	107	102	90
1974.....	98	111	99	92	92	99	103	87
1975.....	96	107	97	96	83	93	100	82
1976.....	99	103	98	98	96	101	102	90
1977.....	100	100	100	100	100	100	100	100
1978.....	102	96	100	104	107	108	99	103
1979.....	105	93	103	104	123	115	103	113
1980.....	103	92	103	101	123	114	100	96
1981.....	102	90	103	98	129	108	99	108
1982.....	99	87	103	94	118	106	99	114
1983 <sup>3</sup> .....	95	79	101	89	105	106	99	110
1984 <sup>4</sup> .....	96	80	99	88	120	106	95	122

<sup>1</sup> Includes fertilizer, lime, and pesticides.<sup>2</sup> Nonfarm portion of feed, seed, and livestock purchases.<sup>3</sup> Preliminary.<sup>4</sup> Estimated.

Economic Research Service.

Table 561.—Farm production and output: Index numbers of total output, and gross production of livestock and crops, by groups, United States, 1970-84

[1977=100]

Year	Farm out- put	Livestock and products <sup>1</sup>				Crops									
		All live- stock and products <sup>2</sup>	Meat ani- mals <sup>3</sup>	Dairy prod- ucts <sup>4</sup>	Poul- try and eggs <sup>5</sup>	All crops <sup>6</sup>	Feed grains <sup>7</sup>	Hay and for- age <sup>8</sup>	Food grains <sup>9</sup>	Vegeta- bles <sup>10</sup>	Fruits and nuts <sup>11</sup>	Sugar crops <sup>12</sup>	Cot- ton	To- bacco	Oil crops <sup>13</sup>
1970.....	84	99	102	95	93	77	71	92	69	96	81	95	72	100	66
1971.....	92	100	103	96	94	86	92	97	81	96	87	97	76	89	68
1972.....	91	101	104	97	97	87	88	96	77	97	78	110	97	91	74
1973.....	93	99	102	94	94	92	91	101	86	99	93	95	91	91	87
1974.....	88	100	104	94	94	84	74	96	91	101	94	89	82	104	71
1975.....	95	95	97	94	92	93	91	100	108	97	98	114	58	114	86
1976.....	97	99	100	98	98	92	96	94	107	99	96	112	74	112	74
1977.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1978.....	104	101	100	99	106	102	108	106	93	103	99	101	76	106	105
1979.....	111	104	103	101	114	113	116	108	108	107	105	94	102	80	129
1980.....	103	108	107	105	115	101	97	98	121	104	119	97	79	93	99
1981.....	118	109	106	108	119	116	121	106	144	109	111	107	109	108	114
1982.....	116	107	101	110	119	118	124	110	140	113	111	96	85	104	124
1983.....	95	109	103	114	120	88	67	101	117	105	107	96	54	74	89
1984 <sup>14</sup> .....	111	107	101	110	123	110	115	107	129	116	111	95	90	90	106

<sup>1</sup> Production of livestock and livestock products for human use, horses and mules excluded. <sup>2</sup> Includes clipped wool, mohair, honey, and beeswax. These items are not included in the separate groups of livestock and products shown.<sup>3</sup> Cattle and calves, sheep and lambs, and hogs.<sup>4</sup> Butter, butterfat, wholesale milk, retail milk, and milk consumed on farms.<sup>5</sup> Chicken eggs, commercial broilers, chickens, and turkeys.<sup>6</sup> Includes production of hayseeds, pasture seeds and cover-crop seeds, and some miscellaneous crop production not included in separate groups of crops shown.<sup>7</sup> Corn for grain, oats, barley, and sorghum grain.<sup>8</sup> All hay, sorghum forage, corn silage, and sorghum silage.<sup>9</sup> All wheat, rye, and rice.<sup>10</sup> Potatoes, sweetpotatoes, dry edible beans, dry field peas, truck crops for processing, and truck crops for fresh market having value.<sup>11</sup> Fruits, berries, and tree nuts having value. Citrus production is based on year of harvest for 1960 to date; earlier years are based on year of bloom.<sup>12</sup> Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple sirup.<sup>13</sup> Soybeans, peanuts harvested for nuts, cottonseed, and flaxseed.<sup>14</sup> Preliminary.

Economic Research Service.



**Table 562.—Livestock and livestock products: Production and value, United States 1982-84**

Product	Production <sup>1</sup>			Value of production		
	1982	1983	1984 <sup>2</sup>	1982	1983	1984 <sup>2</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Cattle and calves .....	40,714,722	40,301,302	40,000,307	22,623,349	22,013,607	22,121,397
Sheep and lambs .....	785,425	767,553	692,185	355,703	356,690	375,584
Hogs .....	19,657,921	21,195,347	20,176,855	10,297,021	9,899,218	9,500,976
Chickens <sup>3</sup> .....	17,981,445	18,175,213	18,996,978	4,625,235	5,018,034	6,196,120
Turkeys <sup>4</sup> .....	3,175,060	3,335,519	3,385,721	1,254,700	1,269,051	1,655,463
Milk .....	135,505,000	139,672,000	135,444,000	18,559,413	19,081,427	18,342,809
Wool (shorn) .....	106,129	102,886	92,944	72,782	62,978	73,859
Mohair <sup>5</sup> .....	10,000	10,600	11,200	25,500	42,930	48,160
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>			
Eggs .....	69,718	68,169	68,193	3,458,873	3,469,368	4,108,907

<sup>1</sup> For cattle, sheep, and hogs, the quantity of net production is the live weight actually produced during the year, adjustments having been made for animals shipped in and changes in inventory.

<sup>2</sup> Preliminary.

<sup>3</sup> Including commercial broiler production.

<sup>4</sup> Turkey production and value estimates do not include an adjustment for changes in inventory.

<sup>5</sup> Texas only.

Statistical Reporting Service.

**Table 563.—Agricultural productivity: Index numbers of farm output per unit of input, United States, 1970-84**

(1977 = 100)

Year	Productivity <sup>1</sup>	Year	Productivity <sup>1</sup>	Year	Productivity <sup>1</sup>
1970 .....	87	1975 .....	99	1980 .....	101
1971 .....	94	1976 .....	98	1981 .....	116
1972 .....	94	1977 .....	100	1982 .....	117
1973 .....	95	1978 .....	102	1983 <sup>2</sup> .....	100
1974 .....	90	1979 .....	105	1984 <sup>3</sup> .....	116

<sup>1</sup> Productivity is the output-input ratio. The ratio is obtained by dividing the index of farm output in table 589 by the index of total input in table 560.

<sup>2</sup> Preliminary.

<sup>3</sup> Estimated.

Economic Research Service.

#### FOOTNOTES FOR TABLE 567

<sup>1</sup> Cropland used for crops is the sum of the area of land from which one or more crops were harvested plus area of crop failure and summer fallow. For States included in regions, see footnote 1, table 614.

<sup>2</sup> Preliminary.

Economic Research Service.

Table 564.—Labor: Indexes of farm production per hour, by farming regions, 1970-84

[1977 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pa-cific	Unit-ed States
1970.....	71	58	58	70	72	73	64	62	75	76	66
1971.....	75	64	71	82	79	84	69	60	80	79	74
1972.....	75	67	74	87	86	87	73	69	84	84	78
1973.....	80	72	76	88	89	89	77	81	85	83	81
1974.....	85	70	70	77	90	96	77	71	90	90	79
1975.....	90	78	87	87	93	102	86	83	97	96	89
1976.....	99	77	93	85	101	108	91	90	104	103	94
1977.....	100	100	100	100	100	100	100	100	100	100	100
1978.....	113	106	111	108	111	116	109	96	114	104	108
1979.....	117	114	124	122	116	129	122	111	111	110	119
1980.....	120	120	117	105	110	110	99	99	122	119	112
1981.....	142	135	132	132	132	134	126	126	136	128	131
1982.....	137	137	133	138	134	144	135	115	133	122	133
1983 <sup>1</sup> .....	137	131	101	127	111	133	113	111	132	121	120
1984.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	139

<sup>1</sup> Preliminary.

n.a. not available.

Economic Research Service.

Table 565.—Labor: Indexes of farm production per hour used for farm work, by enterprise groups, United States, 1970-84

[1977 = 100]

Year	Livestock and products					Crops									
	Farm out-put	All live-stock and products	Meat ani-mals	Milk cows	Poul-try	All crops	Feed grains	Hay and for-age	Food grains	Vege-tables	Fruits and nuts	Sugar crops	Cot-ton	To-bacco	Oil crops
1970.....	66	64	67	57	55	70	62	74	93	91	84	79	31	79	72
1971.....	74	68	70	62	59	79	78	78	101	94	87	85	34	83	76
1972.....	78	73	75	66	66	84	87	83	96	96	84	89	43	93	82
1973.....	81	76	78	70	70	87	88	89	100	96	91	85	51	91	84
1974.....	79	82	84	75	76	80	75	87	89	97	96	82	47	98	76
1975.....	89	85	87	81	81	89	90	94	101	93	97	97	57	97	88
1976.....	94	93	94	91	94	91	95	90	98	100	101	100	70	101	84
1977.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1978.....	108	109	108	109	109	105	111	109	104	104	103	103	100	109	98
1979.....	119	117	117	122	119	118	125	115	115	109	104	103	132	99	110
1980.....	112	129	127	135	126	104	107	109	116	113	112	104	103	104	89
1981.....	131	136	136	148	135	120	132	120	127	117	108	111	145	117	110
1982.....	133	143	138	164	142	126	136	129	130	118	114	108	149	122	115
1983.....	120	154	147	187	152	105	96	123	131	117	113	109	138	104	94
1984 <sup>1</sup> .....	139	162	153	212	162	124	132	132	140	116	117	109	170	127	109

<sup>1</sup> Preliminary.

Economic Research Service.

Table 566.—Farm output: Index numbers by farming regions,<sup>1</sup> 1970-84

[1977=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1970.....	102	79	80	82	92	90	89	78	95	81	84
1971.....	104	86	94	97	95	101	93	72	99	84	92
1972.....	93	83	92	97	96	99	97	83	98	86	91
1973.....	95	85	90	100	97	101	92	95	98	89	93
1974.....	99	80	80	86	98	106	88	79	98	95	88
1975.....	100	84	95	92	102	108	89	88	104	100	95
1976.....	103	79	97	88	107	112	93	90	108	103	97
1977.....	100	100	100	100	100	100	100	100	100	100	100
1978.....	110	102	105	104	109	111	101	88	112	98	104
1979.....	109	105	115	115	106	120	111	103	107	108	111
1980.....	108	106	105	97	102	107	87	85	113	117	103
1981.....	119	112	115	121	123	125	112	112	128	123	118
1982.....	112	111	113	121	119	121	113	94	120	118	116
1983 <sup>2</sup> .....	104	93	78	99	89	105	87	82	112	110	95
1984.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	111

<sup>1</sup> For States included in regions, see footnote 1, table 620.<sup>2</sup> Preliminary.

n.a. not available.

Economic Research Service.

Table 567.—Cropland used for crops: Index numbers by farming regions,<sup>1</sup> 1970-84

[1977=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1970.....	95	81	84	95	81	80	85	82	95	93	88
1971.....	96	87	88	96	88	85	85	80	94	93	90
1972.....	93	82	85	95	85	83	85	78	96	96	88
1973.....	95	90	93	98	89	87	86	90	96	95	93
1974.....	98	93	96	98	92	91	87	91	98	100	96
1975.....	98	95	97	99	95	94	89	96	101	102	97
1976.....	99	97	98	98	96	95	96	94	100	103	98
1977.....	100	100	100	100	100	100	100	100	100	100	100
1978.....	99	97	97	96	101	99	100	93	100	101	97
1979.....	101	99	101	99	103	101	102	96	102	102	100
1980.....	102	101	102	99	104	101	102	98	103	104	101
1981.....	103	102	102	102	105	101	102	99	104	106	102
1982.....	103	101	101	102	105	100	100	96	102	103	101
1983.....	97	86	83	92	90	90	84	75	99	96	88
1984 <sup>2</sup> .....	101	100	99	101	101	98	95	85	105	100	99

See footnotes on page 392.

Table 568.—Crop production per acre of cropland used for crops: Index numbers by regions,<sup>1</sup> 1970-84

[1977=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1970.....	108	85	82	75	111	111	106	87	92	84	88
1971.....	107	89	100	94	106	121	108	78	95	87	96
1972.....	92	91	102	94	112	120	113	97	93	88	99
1973.....	102	90	95	97	110	122	109	107	96	94	99
1974.....	106	78	77	77	108	125	100	77	98	97	88
1975.....	103	83	97	87	111	121	99	84	97	97	96
1976.....	102	70	94	81	113	121	93	89	103	98	94
1977.....	100	100	100	100	100	100	100	100	100	100	100
1978.....	109	102	108	110	109	114	100	88	109	95	105
1979.....	109	105	116	119	102	120	112	109	107	107	113
1980.....	104	100	102	92	95	102	81	79	111	113	100
1981.....	112	107	114	113	119	121	106	105	118	112	114
1982.....	116	114	119	120	121	127	117	88	118	114	117
1983 <sup>2</sup> .....	105	101	88	104	88	116	96	95	112	114	100
1984.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	111

See footnotes on page 396.

**Table 569.—Selected crops: Labor-hours per unit of production and related factors, United States, indicated periods, 1925-84 <sup>1</sup>**

Crop and item	1925-29	1935-39	1945-49	1955-59	1965-69	1975-79	1980-84 <sup>2</sup>
Corn for grain:							
Hours per acre.....	30.3	28.1	19.2	9.9	5.8	3.6	3.2
Yield-bushels.....	26.3	26.1	36.1	48.7	78.5	95.3	101.4
Hours per 100 bushels.....	115	108	53	20	7	4	3
Sorghum grain:							
Hours per acre.....	17.5	13.1	8.8	5.9	4.2	3.8	3.6
Yield-bushels.....	16.8	12.8	17.8	29.2	52.9	54.1	55.5
Hours per 100 bushels.....	104	102	49	20	8	7	6
Wheat:							
Hours per acre.....	10.5	8.8	5.7	3.8	2.9	2.8	2.6
Yield-bushels.....	14.1	13.2	16.9	22.3	27.5	31.3	36.2
Hours per 100 bushels.....	74	67	34	17	11	9	7
Hay:							
Hours per acre.....	12.0	11.3	8.4	6.0	3.8	3.4	3.1
Yield-ton.....	1.22	1.24	1.35	1.61	1.97	2.21	2.38
Hours per ton.....	9.8	9.1	6.2	3.7	1.9	1.6	1.3
Potatoes:							
Hours per acre.....	73.1	69.7	68.5	53.1	45.1	37.6	33.9
Yield-cwt.....	68.4	70.3	117.8	178.1	212.8	263.2	272.0
Hours per ton.....	21	20	12	6	4	3	3
Sugarbeets:							
Hours per acre.....	109	98	85	51	33	26	22
Yield-ton.....	10.9	11.6	13.6	17.4	17.5	20.0	20.5
Hours per ton.....	10.0	8.4	6.3	2.9	1.9	1.3	1.1
Cotton:							
Hours per acre.....	96	99	83	66	30	8	6
Yield-pounds.....	171	226	273	428	484	484	526
Hours per bale.....	268	209	146	74	30	8	5
Tobacco:							
Hours per acre <sup>3</sup> .....	370	415	460	475	427	254	228
Yield-pounds.....	772	886	1,176	1,541	1,960	2,001	2,052
Hours per 100 pounds.....	48	47	39	31	22	13	11
Soybeans:							
Hours per acre.....	15.9	11.8	8.0	5.2	4.8	3.7	3.3
Yield-bushels.....	12.6	18.5	19.6	22.7	25.8	29.6	28.6
Hours per 100 bushels.....	126	64	41	23	19	12	12

<sup>1</sup> Labor-hours per acre harvested, including preharvest work on area abandoned, grazed, and turned under.<sup>2</sup> Preliminary.<sup>3</sup> Per acre planted and harvested.

Economic Research Service.

**Table 570.—Livestock: Labor-hours per unit of production and related factors, United States, indicated periods, 1925-84**

Kind of livestock and item	1925-29	1935-39	1945-49	1955-59	1965-69	1975-79	1980-84 <sup>1</sup>
Milk cows:							
Hours per cow.....	145	148	129	109	78	45	30
Milk per cow (pounds).....	4,437	4,401	4,992	6,307	8,820	11,034	12,293
Hours per cwt. of milk.....	3.3	3.4	2.6	1.7	.9	.4	.2
Cattle other than milk cows:							
Hours per cwt. of beef produced <sup>2 3</sup> .....	4.3	4.2	4.0	3.2	2.1	1.3	1.0
Hogs:							
Hours per cwt. produced <sup>3</sup> .....	3.3	3.2	3.0	2.4	1.4	.5	.3
Chickens (laying flocks and eggs):							
Hours per 100 layers.....	218	221	240	175	97	60	48
Rate of lay.....	117	129	161	200	219	236	244
Hours per 100 eggs produced.....	1.9	1.7	1.5	.9	.4	.3	.2
Chickens (farm raised):							
Hours per 100 birds.....	32	30	29	23	14	12	10
Hours per cwt. produced <sup>3</sup> .....	9.4	9.0	7.7	6.7	3.7	2.9	2.5
Chickens (broilers):							
Hours per 100 birds.....		25	16	4	2	.6	.4
Hours per cwt. produced <sup>3</sup> .....		8.5	5.1	1.3	.5	.2	.1
Turkeys:							
Hours per cwt. produced <sup>3</sup> .....	28.5	23.7	13.1	4.4	1.3	.5	.3

<sup>1</sup> Preliminary.<sup>2</sup> Production includes beef produced as a byproduct of the milk-cow enterprise.<sup>3</sup> Live-weight production.

Economic Research Service.



**Table 571.—Industrial production and income: Index numbers of production in selected lines and aggregate weekly payroll index, United States 1970–84**

Year	Industrial production <sup>1</sup>					Aggregate weekly payroll index <sup>2</sup>
	Total	Manufacturing	Durable manufacturing	Nondurable manufacturing	Mining	
	1967=100	1967=100	1967=100	1967=100	1967=100	1977=100
1970.....	107.8	106.4	102.3	112.3	112.2	58.6
1971.....	109.6	108.2	102.4	116.6	109.8	60.3
1972.....	119.7	118.9	113.7	126.5	113.1	67.2
1973.....	129.8	129.8	127.1	133.8	114.7	76.2
1974.....	129.3	129.4	125.7	134.6	115.3	80.1
1975.....	117.8	116.3	109.3	126.4	112.8	76.8
1976.....	130.5	130.3	122.3	141.8	114.2	88.2
1977.....	138.2	138.4	130.0	150.5	118.2	100.0
1978.....	146.1	146.8	139.7	156.9	124.0	113.6
1979.....	152.5	153.6	146.4	164.0	125.5	125.2
1980.....	147.0	146.7	136.7	161.2	132.7	126.8
1981.....	151.0	150.4	140.5	164.8	142.2	137.8
1982.....	138.6	137.6	124.7	156.2	126.1	130.1
1983.....	147.6	148.2	134.5	168.1	116.6	137.2
1984.....	163.3	164.8	154.6	179.4	125.7	153.6

<sup>1</sup> Data from Board of Governors of the Federal Reserve System.<sup>2</sup> For manufacturing. (Department of Labor series.)

Economic Research Service.

## FOOTNOTES FOR TABLE 568

<sup>1</sup> For States included in regions, see footnote 1, table 601.<sup>2</sup> Preliminary.

n.a. not available.

Economic Research Service.

Table 572.—Marketing costs for farm food products, United States, 1970-84

Year	Labor <sup>1</sup>	Packaging materials	Intercity transportation rail and truck	Fuels and electricity	Corporate profits before taxes	Other <sup>2</sup>	Total marketing bill <sup>3</sup>
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1970.....	32.2	8.2	5.2	2.2	3.6	23.7	75.1
1971.....	34.5	8.5	6.0	2.4	3.9	23.2	78.5
1972.....	36.6	8.9	6.1	2.5	4.0	24.3	82.4
1973.....	39.7	9.4	6.4	2.8	5.4	23.4	87.1
1974.....	44.3	11.8	7.5	3.7	6.1	24.8	98.2
1975.....	48.3	13.3	8.4	4.6	7.1	29.7	111.4
1976.....	53.8	14.5	9.1	5.0	7.6	35.0	125.0
1977.....	58.3	15.1	9.7	5.6	7.9	36.1	132.7
1978.....	66.2	16.6	10.5	6.3	9.2	38.6	147.4
1979.....	75.2	18.6	11.8	8.0	9.9	42.7	166.2
1980.....	81.5	21.0	13.0	9.9	10.9	46.4	182.7
1981.....	91.0	22.8	14.3	11.6	12.0	52.8	204.5
1982.....	96.6	23.2	14.7	12.2	13.0	55.5	215.2
1983.....	102.5	24.4	15.5	12.7	14.8	60.2	230.1
1984 <sup>4</sup> .....	108.0	26.7	15.9	12.9	16.2	63.0	242.7

<sup>1</sup> Includes employee wages or salaries, and their health and welfare benefits. Also includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration.

<sup>2</sup> Includes depreciation, rent, advertising and promotion, interest, property taxes, and insurance, accounting and professional services, and many miscellaneous items. 1969 data also includes fuels and electricity.

<sup>3</sup> The marketing bill is the difference between the farm value or payments to farmers for foodstuffs and consumer expenditures for these foods both at foodstores and away from home eating places. Thus, it covers processing, wholesaling, transportation, and retailing costs and profits.

<sup>4</sup> Preliminary.

Economic Research Service.

Table 573.—Farm-retail price spreads: Market basket of farm-originated food products by food group, United States, 1970-84 <sup>1</sup>

Year	Market basket of farm food products				Bakery and cereal products			
	Retail cost <sup>2</sup>	Farm value <sup>3</sup>	Farm to retail spread <sup>4</sup>	Farm value share of retail cost	Retail cost	Farm value	Farm to retail spread	Farm value share of retail cost
	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>
1970.....	113.7	114.0	113.5	37	112.0	103.7	113.8	16
1971.....	115.7	114.6	116.4	37	116.3	106.5	118.3	16
1972.....	121.3	125.1	119.1	38	115.9	112.4	116.7	17
1973.....	142.3	167.9	127.2	44	128.9	167.9	120.8	22
1974.....	161.9	181.5	150.4	42	167.3	243.1	151.6	24
1975.....	173.6	187.8	165.2	40	183.7	200.2	180.3	19
1976.....	175.4	178.0	173.9	38	180.8	162.3	184.6	15
1977.....	179.2	178.5	179.6	37	183.7	133.6	194.1	12
1978.....	199.4	206.6	195.1	38	199.9	154.5	209.3	13
1979.....	222.7	228.8	219.1	38	220.2	177.4	228.9	14
1980.....	238.8	240.4	237.9	37	246.4	206.6	254.7	14
1981.....	257.1	247.2	262.9	36	271.1	204.4	284.9	13
1982.....	266.4	247.8	277.4	34	283.4	178.8	305.1	11
1983 <sup>5</sup> .....	268.7	242.3	284.3	33	292.5	188.8	313.9	11
1984 <sup>5</sup> .....	279.3	255.1	293.5	34	305.3	191.9	328.8	11

See footnotes at end of table.

**Table 573.—Farm-retail price spreads: Market basket of farm-originated food products by food group, United States, 1970-84 <sup>1</sup>—Continued**

Year	Retail cost	Farm value	Farm to retail spread	Farm value share of retail cost	Retail cost	Farm value	Farm to retail spread	Farm value share of retail cost
	Meat products				Fruits and vegetables, fresh			
	Index 1967=100	Index 1967=100	Index 1967=100	Percent	Index 1967=100	Index 1967=100	Index 1967=100	Percent
1970.....	116.6	113.7	120.0	53	116.3	111.2	118.6	30
1971.....	115.5	112.1	119.3	52	121.9	121.8	121.9	32
1972.....	129.3	133.2	124.7	56	128.8	126.4	129.8	31
1973.....	160.1	179.5	137.4	60	154.0	166.7	148.1	34
1974.....	162.9	162.1	163.9	54	160.6	170.3	156.1	33
1975.....	178.3	188.3	166.5	57	165.4	172.4	162.1	33
1976.....	176.5	170.1	188.4	51	171.2	168.0	172.6	31
1977.....	174.2	169.8	179.5	53	194.9	193.2	195.8	31
1978.....	206.8	206.4	207.3	54	222.4	219.1	223.9	31
1979.....	241.9	234.6	250.4	52	238.5	216.7	248.5	29
1980.....	248.8	234.0	266.1	51	255.3	213.8	274.4	26
1981.....	257.8	235.5	284.0	49	286.8	265.2	296.8	28
1982.....	270.3	251.3	292.4	50	304.1	273.3	318.3	29
1983.....	267.2	235.8	304.0	48	301.2	246.7	326.3	26
1984 <sup>2</sup> .....	268.1	241.6	299.0	49	337.8	306.2	352.4	29
	Dairy products				Fats and oils			
	Index 1967=100	Index 1967=100	Index 1967=100	Percent	Index 1967=100	Index 1967=100	Index 1967=100	Percent
1970.....	111.3	113.9	109.1	48	103.8	111.2	100.9	30
1971.....	114.7	116.2	113.4	47	113.5	128.8	107.6	32
1972.....	116.4	118.9	114.2	48	114.8	110.0	116.7	27
1973.....	126.6	135.2	119.1	50	127.1	172.7	109.6	38
1974.....	150.7	159.3	143.2	49	192.5	324.6	141.6	47
1975.....	154.0	163.6	145.5	49	206.8	253.8	188.7	34
1976.....	168.5	185.9	153.2	52	176.7	206.4	165.2	33
1977.....	173.3	187.2	163.1	50	192.0	249.3	169.9	36
1978.....	185.5	202.1	171.0	51	209.6	257.4	191.1	34
1979.....	207.0	229.8	187.1	52	226.3	278.0	206.4	34
1980.....	227.4	251.1	206.6	52	241.2	205.3	237.7	29
1981.....	243.6	265.9	224.1	51	267.1	262.4	268.9	27
1982.....	247.0	261.9	233.9	50	259.9	207.8	279.9	22
1983.....	250.0	262.1	239.3	49	263.1	251.0	267.8	27
1984 <sup>2</sup> .....	253.2	259.0	248.0	48	288.0	324.5	273.9	31
	Poultry and eggs				Fruits and vegetables, processed			
	Index 1967=100	Index 1967=100	Index 1967=100	Percent	Index 1967=100	Index 1967=100	Index 1967=100	Percent
1970.....	114.0	114.2	113.8	53	114.3	118.0	113.5	19
1971.....	108.5	104.8	126.7	51	120.0	121.8	119.6	18
1972.....	108.9	106.6	111.4	52	122.7	127.5	121.5	19
1973.....	150.4	179.2	118.4	63	130.6	137.0	128.0	19
1974.....	152.6	175.0	127.7	60	159.1	192.5	151.7	22
1975.....	160.9	186.8	132.1	61	179.6	211.2	172.7	21
1976.....	163.3	185.3	138.9	60	181.7	202.8	177.1	20
1977.....	162.0	180.3	114.6	59	190.2	188.5	190.6	18
1978.....	167.6	192.7	139.5	61	198.7	238.6	192.1	25
1979.....	178.4	200.0	154.5	59	226.6	293.6	211.3	23
1980.....	183.3	200.9	163.7	58	242.5	310.7	227.4	23
1981.....	193.3	211.7	171.3	58	271.5	339.6	256.4	23
1982.....	189.2	197.1	180.4	55	286.0	321.1	278.2	20
1983.....	193.8	211.0	174.7	57	288.8	300.5	286.2	19
1984 <sup>2</sup> .....	215.1	242.9	184.2	59	306.1	343.2	297.8	20

<sup>1</sup> The market basket represents purchasing patterns of domestically produced farm foods in food stores by households from July 1972 through June 1974. <sup>2</sup> Special index of retail prices for domestically produced foods published by the Bureau of Labor Statistics. <sup>3</sup> Gross return or payment to farmers for the farm products equivalent to foods in the market basket. <sup>4</sup> The spread between the retail cost and farm value is an estimate of the gross margin received by marketing firms for assembling, processing, transporting, and distributing the products.

<sup>5</sup> Preliminary.

Data revised back to 1978 for processed fruits and vegetables and the market basket totals.  
Economic Research Service.

**Table 574.—Marketing bill for U.S. farm foods: Civilian consumer expenditures, farm value, and marketing bill, 1970-84 <sup>1</sup>**

Year	Total marketing bill	Farm value	Civilian expenditures for farm foods	Year	Total marketing bill	Farm value	Civilian expenditures for farm foods
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>		<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1970.....	75.1	35.5	110.6	1978.....	147.4	69.5	216.9
1971.....	78.5	36.2	114.6	1979.....	166.1	79.2	245.3
1972.....	82.4	39.8	122.2	1980.....	182.7	81.7	264.4
1973.....	87.1	51.7	138.8	1981.....	204.5	83.2	287.7
1974.....	98.2	56.4	154.6	1982.....	215.2	83.7	298.9
1975.....	111.4	55.6	167.0	1983.....	230.2	84.9	315.0
1976.....	125.0	58.3	183.3	1984 <sup>2</sup> .....	242.7	89.5	332.2
1977.....	132.7	58.2	190.9				

<sup>1</sup> The total marketing bill is the difference between total civilian expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. It relates only to domestic food brought by civilian consumers and not to that sold to the Armed Forces or exported.

<sup>2</sup> Preliminary.

Economic Research Service.

**Table 575.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1983 and 1984**

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>				
	1983 <sup>2</sup>	1984 <sup>2</sup>	1983		1984		
			Based on data for—	Parity price <sup>3</sup>	Based on data for—	Parity price	
	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>	
Basic commodities:							
Cotton:							
American upland.....	pound...	0.660	0.584	July.....	1.19	July.....	1.25
Extra-long staple.....	do.....	1.055	.925	July.....	1.97	July.....	2.00
Wheat.....	bushel....	3.53	3.38	June.....	7.41	June.....	7.50
Rice.....	cwt.....	8.76	8.23	June.....	20.80	June.....	20.60
Corn.....	bushel....	3.25	2.67	Sept.....	5.17	Sept.....	5.33
Peanuts.....	pound....	.247	.253	July.....	.440	July.....	.459
Tobacco:							
Flue-cured, types 11-14.....	do.....	1.779	1.811	June.....	2.67	June.....	2.84
Va., fire-cured, type 21.....	do.....	1.268	1.178	Nov.....	2.17	Nov.....	2.26
Ky.-Tenn. fire-cured, types 22-23.....	do.....	1.817	1.554	Dec.....	2.57	Dec.....	2.76
Burley, type 31.....	do.....	1.773	1.876	Oct.....	2.80	Oct.....	2.94
Maryland, type 32 <sup>4</sup> .....	do.....	1.048	1.437	Mar.....	2.43	Mar.....	2.59
Dark air-cured, types 35-36.....	do.....	1.513	1.279	Nov.....	2.21	Nov.....	2.36
Sun-cured, type 37.....	do.....	1.325	.943	Oct.....	2.05	Oct.....	2.16
Pa, seedleaf, type 41.....	do.....	.830	.900	Dec.....	1.38	Dec.....	1.42
Cigar filler and binder, types 42-44, 54-55.....	pound....	1.069	1.080	Sept.....	1.88	Sept.....	1.97
Puerto Rican filler, type 46.....	do.....	.909	n.a.	Jan.....	1.62	Jan.....	1.74
Cigar binder, types 51-52.....	do.....	1.557	1.676	Oct.....	2.72	Oct.....	2.86
Designated nonbasic commodities:							
Milkfat, in cream.....	pound....	( <sup>5</sup> )	( <sup>5</sup> )	Dec. <sup>6</sup> .....	n.a.	n.a.	n.a.
All milk, sold to plants.....	cwt.....	13.58	13.46	Dec. <sup>6</sup> .....	22.40	Dec.....	23.30
Fluid market.....	cwt.....	13.75	13.61	.....		.....	
Manufacturing grade.....	cwt.....	12.61	12.49	.....		.....	
Honey, all.....	pound....	( <sup>5</sup> )	( <sup>5</sup> )	Dec. <sup>6</sup> .....	1.09	Dec.....	1.11
Wool and mohair:							
Wool.....	pound....	.613	.795	Dec. <sup>6</sup> .....	2.13	Dec.....	2.25
Mohair.....	do.....	4.05	4.30	Dec. <sup>6</sup> .....	6.65	Dec.....	7.12

See footnotes at end of table.



**Table 575.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States 1983 and 1984—Continued**

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>			
	1983	1984 <sup>2</sup>	1983		1984	
			Based on data for—	Parity price	Based on data for—	Parity price
	Dollars	Dollars		Dollars		Dollars
<b>Other nonbasic commodities:</b>						
<b>Field crops and miscellaneous:</b>						
Barley..... bushel....	2.50	2.30	June.....	4.89	June.....	4.99
Beans, dry edible..... cwt....	22.40	18.80	July.....	43.70	July.....	44.20
Cottonseed..... ton....	166.00	99.50	July.....	212.00	July.....	228.00
Crude pine gum..... barrel....	( <sup>s</sup> )	( <sup>s</sup> )	Mar.....	153.00	Mar.....	169.00
Flaxseed..... bushel....	6.80	5.97	June.....	13.60	June.....	13.60
Hay, all, baled..... ton....	75.80	73.80	Jan.....	115.00	Jan.....	123.00
Hops..... pound....	1.93	2.10	July.....	2.23	July.....	2.49
Oats..... bushel....	1.67	1.71	June.....	2.96	June.....	2.46
Peas, dry field..... cwt....	( <sup>s</sup> )	( <sup>s</sup> )	July.....	23.50	July.....	22.70
Peppermint oil..... pounds....	10.10	10.70	July.....	23.10	July.....	23.70
Popcorn, shelled basis..... cwt....	( <sup>s</sup> )	( <sup>s</sup> )	July.....	19.20	July.....	20.70
Potatoes..... cwt....	5.82	5.67	Apr.....	9.06	Apr.....	9.26
Rye..... bushel....	2.17	1.91	June.....	4.74	June.....	4.87
Sorghum grain..... cwt....	5.07	4.27	Sept.....	8.78	Sept.....	9.03
Soybeans..... bushel....	7.81	5.90	Aug.....	13.00	Aug.....	13.00
Spearmint oil..... pound....	12.30	13.00	July.....	21.00	July.....	24.30
Sweetpotatoes..... cwt....	13.60	13.70	June.....	23.80	June.....	24.30
Tobacco:						
Cigar wrapper, type 61..... pound....	11.00	12.50	Dec.....	16.20	Dec.....	17.10
Cigar wrapper, type 62..... do.....	( <sup>s</sup> )	( <sup>s</sup> )	Oct.....	9.17	Oct.....	9.53
<b>Fruits:</b>						
<b>Citrus (equiv. on-tree): <sup>9</sup></b>						
Grapefruit..... box....	2.54	n.a.	Aug.....	4.57	Aug.....	4.36
Lemons..... box....	2.23	n.a.	Oct.....	6.07	Oct.....	5.49
Limes, Florida..... box....	6.98	5.78	Mar.....	17.70	Mar.....	18.10
Oranges..... box....	5.44	n.a.	Oct.....	6.92	Oct.....	7.46
Tangelos..... box....	3.51	n.a.				
Tangerines..... box....	4.93	n.a.	Oct.....	8.72	Oct.....	8.99
Templets..... box....	4.86	n.a.				
<b>Deciduous and other:</b>						
<b>Apples:</b>						
For all sales..... pound....	105	112				
For fresh consumption <sup>10</sup> ..... do.....	132	167	June.....	269	June.....	274
For processing..... ton....	103.00	112.00	July.....	214.00	July.....	212.00
<b>Apricots:</b>						
For all sales..... ton....	310.00	303.00				
For fresh consumption..... ton....	828.00	829.00	May.....	1,310.00	May.....	1,460.00
Dried, California (dried basis)..... ton....	2,002.00	1,754.00	June.....	4,320.00	June.....	4,430.00
For processing (except dried)..... ton....	276.00	276.00	July.....	442.00	July.....	473.00
Avocados <sup>13</sup> ..... ton....	379.00	330.00	Sept.....	1,400.00	Sept.....	1,330.00
<b>Berries for processing (Washington and Oregon):</b>						
Blackberries..... pound....	( <sup>s</sup> )	( <sup>s</sup> )	July.....	718	July.....	686
Boysenberries/youngberries..... do.....	( <sup>s</sup> )	( <sup>s</sup> )	July.....	1.24	July.....	1.21
Gooseberries..... do.....	( <sup>s</sup> )	( <sup>s</sup> )	July.....	963	July.....	974
Loganberries..... do.....	( <sup>s</sup> )	( <sup>s</sup> )	July.....	376	July.....	409
Raspberries, black..... do.....	( <sup>s</sup> )	( <sup>s</sup> )	July.....	732	July.....	718
Raspberries, red..... do.....	( <sup>s</sup> )	( <sup>s</sup> )	July.....	928	July.....	947
<b>Cherries:</b>						
Sweet..... ton....	630.00	610.00	Apr.....	1,090.00	Apr.....	1,150.00
Tart..... pound....	466	247	May.....	561	May.....	622
Cranberries <sup>11</sup> ..... barrel....	52.00	n.a.	Aug.....	44.40	Aug.....	50.60
Dates, California <sup>12</sup> ..... ton....	638.00	816.00	Aug.....	908.00	Aug.....	1,000.00
<b>Figs:</b>						
For fresh consumption, and canned, California..... ton....	426.00	442.00				
Dried, California (dried basis)..... ton....	722.00	966.00				
<b>Grapes:</b>						
For all sales..... ton....	199.00	184.00				
Raisin varieties dried, California (dried basis)..... ton....	587.00	560.00	Aug.....	1,960.00	Aug.....	1,910.00
Grapes, excluding raisin varieties, dried, California (fresh basis)..... ton....	231.00	148.00	May.....	367.00	May.....	382.00
<b>Nectarines (California):</b>						
For fresh consumption <sup>12</sup> ..... ton....	301.00	228.00	May.....	504.00	May.....	515.00
For processing <sup>13</sup> ..... ton....	178.00	70.00	July.....	193.00	July.....	204.00

See footnotes at end of table.

Table 575.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1983 and 1984—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>			
	1983	1984 <sup>2</sup>	1983		1984	
			Based on data for—	Parity price	Based on data for—	Parity price
	Dollars	Dollars		Dollars		Dollars
Other nonbasic commodities—Continued						
Fruits—Continued						
Deciduous and other—Continued						
Olives (California): <sup>12</sup>						
For all sales..... ton....	519.00	527.00				
Crushed for oil..... ton....	70.00	60.00	July.....	106.00	July.....	98.30
For processing (except crushed)..... ton....	522.00	541.00	July.....	874.00	July.....	890.00
For canning..... ton....	582.00	572.00	July.....	946.00	July.....	965.00
Peaches:						
For all sales..... pound.....	.148	.130				
For fresh consumption <sup>14</sup> ..... do.....	.241	.202	Apr.....	.369	Apr.....	.394
Dried, California (dried basis)..... ton....	1,062.00	900.00	July.....	2,540.00	July.....	2,550.00
For processing (except dried):						
Clingstone <sup>14</sup> ..... ton....	180.00	200.00	June.....	288.00	June.....	301.00
Freestone..... ton....	176.00	156.00	July.....	280.00	July.....	301.00
Pears:						
For all sales..... ton....	170.00	231.00				
For fresh consumption <sup>15</sup> ..... ton....	216.00	303.00	May.....	443.00	May.....	467.00
Dried, California (dried basis)..... ton....	540.00	690.00	Aug.....	2,130.00	Aug.....	2,040.00
For processing (except dried)..... ton....	126.00	168.00	July.....	292.00	July.....	296.00
Plums (equiv. on-tree) (California):						
For all sales..... ton....						
For fresh consumption..... ton....	328.00	101.00				
For processing..... ton....	4.00	5.00				
Pomegranates, California..... ton....	272.00	203.00				
Prunes, dried (California)..... ton....	667.00	695.00				
Prunes and plums (excl. Calif.):						
For fresh consumption..... ton....	345.00	357.00				
For processing (except dried)..... ton....	92.90	142.00				
Strawberries:						
For fresh consumption..... pound.....	.530	.490	Jan.....	.825	Jan.....	.878
For processing..... do.....	.315	.193	July.....	.503	July.....	.528
Seed crops:						
Alfalfa..... cwt....	( <sup>5</sup> )	( <sup>5</sup> )	July.....	210.00	July.....	219.00
Bentgrass..... cwt....	( <sup>5</sup> )	( <sup>5</sup> )	July.....	189.00	July.....	203.00
Chewings fescue (Oregon)..... cwt....	( <sup>5</sup> )	( <sup>5</sup> )	Jan.....	106.00	Jan.....	108.00
Crimson clover..... cwt....	( <sup>5</sup> )	( <sup>5</sup> )	Jan.....	94.40	Jan.....	99.50
Hairy vetch..... cwt....	( <sup>5</sup> )	( <sup>5</sup> )	Jan.....	57.80	Jan.....	63.20
Ladino clover..... cwt....	( <sup>5</sup> )	( <sup>5</sup> )	Jan.....	273.00	Jan.....	289.00
Lespedeza..... cwt....	( <sup>5</sup> )	( <sup>5</sup> )	July.....	90.20	July.....	93.50
All Kentucky bluegrass..... cwt....	( <sup>5</sup> )	( <sup>5</sup> )				
Orchardgrass..... cwt....	( <sup>5</sup> )	( <sup>5</sup> )	Jan.....	77.30	Jan.....	80.20
Red clover..... cwt....	( <sup>5</sup> )	( <sup>5</sup> )	July.....	134.00	July.....	137.00
Red fescue..... cwt....	( <sup>5</sup> )	( <sup>5</sup> )	Jan.....	108.00	Jan.....	109.00
Tall fescue..... cwt....	( <sup>5</sup> )	( <sup>5</sup> )	Jan.....	39.10	Jan.....	40.50
Timothy..... cwt....	( <sup>5</sup> )	( <sup>5</sup> )	July.....	68.60	July.....	70.40
Sugar crops:						
Maple sirup..... gallon.....	( <sup>5</sup> )	( <sup>5</sup> )				
Sugarbeets..... ton....	37.00	37.90	July.....	67.00	July.....	68.20
Sugarcane for sugar <sup>16</sup> ..... ton....	27.80	28.60	July.....	53.60	July.....	55.20
Tree nuts:						
Almonds..... pound.....	1.04	.820	July.....	2.14	July.....	2.14
Filberts..... ton....	558.00	621.00	July.....	1,540.00	July.....	1,540.00
Pecans, all..... pound.....	.587	.623	July.....	2,400.00	July.....	2,490.00
Improved..... do.....	.677	.682				
Seedling..... do.....	.440	.466				
Walnuts..... ton....	631.00	754.00	July.....	1,660.00	July.....	1,650.00
Vegetables for fresh market:						
Artichokes, California <sup>17</sup> ..... cwt....	( <sup>5</sup> )	( <sup>5</sup> )	July.....	47.40	July.....	50.60
Asparagus..... cwt....	( <sup>5</sup> )	( <sup>5</sup> )	Jan.....	98.60	Jan.....	106.00
Broccoli <sup>17</sup> ..... cwt....	25.20	23.10	Jan.....	36.60	Jan.....	39.60
Cabbage..... cwt....	( <sup>5</sup> )	( <sup>5</sup> )	Jan.....	14.40	Jan.....	15.00
Cantaloups..... cwt....	( <sup>5</sup> )	( <sup>5</sup> )	Jan.....	22.70	Jan.....	23.90
Carrots..... cwt....	9.27	10.50	Dec. <sup>8</sup> .....	14.50	Dec. <sup>8</sup> .....	24.00
Cauliflower <sup>17</sup> ..... cwt....	26.10	27.70	Nov. <sup>8</sup> .....	38.10	Nov. <sup>8</sup> .....	40.80
Celery..... cwt....	13.70	12.20	Dec. <sup>8</sup> .....	18.20	Dec. <sup>8</sup> .....	19.40
Cucumbers..... cwt....	( <sup>5</sup> )	( <sup>5</sup> )	Jan.....	24.20	Jan.....	27.20

See footnotes at end of table.

**Table 575.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1983 and 1984—Continued**

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>			
	1983 <sup>2</sup>	1984 <sup>2</sup>	1983 <sup>2</sup>		1984 <sup>2</sup>	
			Based on data for—	Parity price	Based on data for—	Parity price
	Dollars	Dollars		Dollars		Dollars
Other nonbasic commodities—Continued						
Vegetables for fresh market—Continued						
Eggplant.....	cwt.....	( <sup>5</sup> )	Jan.....	25.90	Jan.....	27.20
Escarole.....	cwt.....	( <sup>5</sup> )	Jan.....	32.10	Jan.....	34.00
Garlic.....	cwt.....	( <sup>5</sup> )	Jan.....	30.80	Jan.....	32.50
Green peppers.....	cwt.....	( <sup>5</sup> )	Jan.....	37.60	Jan.....	39.80
Honeydew melons.....	cwt.....	31.20 13.80	Apr.....	22.50	Apr.....	23.90
Lettuce.....	cwt.....	12.50 10.60	Nov. <sup>6</sup> .....	17.20	Nov. <sup>6</sup> .....	19.00
Onions.....	cwt.....	12.40 10.70	Feb.....	17.30	Feb.....	18.00
Snap beans.....	cwt.....	( <sup>5</sup> )	Jan.....	47.50	Jan.....	50.10
Spinach.....	cwt.....	( <sup>5</sup> )	Jan.....	40.90	Jan.....	43.40
Sweet corn.....	cwt.....	12.50 13.10	Jan.....	18.70	Jan.....	20.20
Tomatoes.....	cwt.....	24.10 25.40	Dec. <sup>6</sup> .....	41.30	Dec. <sup>6</sup> .....	42.40
Watermelons.....	cwt.....	( <sup>5</sup> )	Jan.....	8.89	Jan.....	9.48
Vegetables for processing:						
Asparagus.....	ton.....	( <sup>5</sup> )	Jan.....	1410.00	Jan.....	1,500.00
Beets.....	ton.....	( <sup>5</sup> )	Jan.....	83.10	Jan.....	88.70
Cabbage.....	ton.....	( <sup>5</sup> )	Jan.....	64.90	Jan.....	68.50
Cucumbers.....	ton.....	( <sup>5</sup> )	Jan.....	282.00	Jan.....	299.00
Green peas.....	ton.....	217.00 237.00	Jan.....	408.00	Jan.....	433.00
Lima beans.....	ton.....	( <sup>5</sup> )	July.....	711.00	Jul.....	762.00
Snap beans.....	ton.....	160.00 171.00	Jan.....	301.00	Jan.....	316.00
Spinach.....	ton.....	( <sup>5</sup> )	Jan.....	151.00	Jan.....	160.00
Sweet corn.....	ton.....	59.80 63.70	July.....	106.00	July.....	113.00
Tomatoes.....	ton.....	68.40 67.40	Jan.....	127.00	Jan.....	133.00
Livestock and livestock products:						
All beef cattle.....	cwt.....	55.50 57.30	Dec. <sup>6</sup> .....	95.00	Dec. <sup>6</sup> .....	99.80
Cows.....	cwt.....	38.10 37.20	.....	.....	.....	.....
Steers and heifers.....	cwt.....	60.10 62.30	.....	.....	.....	.....
Calves.....	cwt.....	61.70 59.90	Dec. <sup>6</sup> .....	112.00	Dec. <sup>6</sup> .....	113.00
Beeswax.....	pound.....	( <sup>5</sup> )	July.....	3.00	July.....	3.23
Chickens:						
Excluding broilers, live.....	do.....	.127 .159	.....	.....	.....	.....
Broilers, live.....	do.....	.286 .337	.....	.....	.....	.....
Eggs.....	dozen.....	.611 .723	Dec. <sup>6</sup> .....	1.14	Dec. <sup>6</sup> .....	1.18
Hogs.....	cwt.....	46.80 47.10	Dec. <sup>6</sup> .....	85.00	Dec. <sup>6</sup> .....	89.70
Lambs.....	cwt.....	53.90 48.50	Dec. <sup>6</sup> .....	106.00	Dec. <sup>6</sup> .....	112.00
Milk cows <sup>18</sup> .....	head.....	1,030.00 8.95	.....	.....	.....	.....
Milk, retail <sup>19</sup> .....	quart.....	.484 .492	.....	.....	.....	.....
Sheep.....	cwt.....	15.70 16.40	Dec. <sup>6</sup> .....	34.20	Dec. <sup>6</sup> .....	36.60
Turkeys, live.....	pound.....	.380 .489	Dec. <sup>6</sup> .....	.738	Dec. <sup>6</sup> .....	.751

<sup>1</sup> Season average prices for crops; weighted calendar year average for livestock and livestock products, except chickens, eggs, and hogs, which are on a Nov-Dec. marketing year basis. Unless otherwise noted, these are averages for marketing season or calendar year computed by weighing State prices by quantities sold, or by production for those commodities for which virtually all the production is sold.

<sup>2</sup> Preliminary.

<sup>3</sup> Parity prices as computed, currently using base prices in effect and indexes for months indicated. Parity prices shown are those for the most recent month available preceding the start of the crop marketing season for crops and the calendar year for livestock and livestock products.

<sup>4</sup> Crop is sold during year following production. 1981 price is average of auction sales through May 4, 1982. Parity prices are for March 1980 and 1981.

<sup>5</sup> Estimates discontinued.

<sup>6</sup> Previous year.

<sup>7</sup> Average local market price for wool sold excluding incentive payment.

<sup>8</sup> Average local market price for mohair sold excluding incentive payment.

<sup>9</sup> Crop year begins with bloom in one year and ends with completion of harvest the following year. Prices refer to the year harvest is completed.

<sup>10</sup> Equivalent packinghouse-door returns for California, Oregon and Washington, and prices as sold for other States.

<sup>11</sup> Equivalent returns at packinghouse-door.

<sup>12</sup> Equivalent per unit returns for bulk fruit at first delivery point.

<sup>13</sup> Equivalent returns at processing plant-door.

<sup>14</sup> Prices for fresh use in Arkansas, California, Georgia, Maryland, Michigan, New Jersey, New York, North Carolina, Pennsylvania, South Carolina, Virginia, Washington, and West Virginia, and average price for all sales in all other States.

<sup>15</sup> Packinghouse-door returns for fresh consumption for California, Oregon, and Washington, average prices for fresh use for Michigan and New York, and average prices for all methods of sale for other States.

<sup>16</sup> Continental United States only.

<sup>17</sup> Includes some processing.

<sup>18</sup> Simple average of States weighted by estimated Jan. 1 head for U.S. average.

<sup>19</sup> Sold by farmers directly to consumers.

n.a. not available.

Statistical Reporting Service.

Table 576.—Producer prices: Index numbers, by groups of commodities, United States, 1970-84

[1967=100]

Year	Farm products	All foods	Hides, skins, leather, and related products	Fuels and related products and power	Chemicals and allied products	Rubber and plastic products	Lumber and wood products	Metals and metal products	Furniture and household durables	Tobacco products <sup>1</sup>	Industrial commodities <sup>2</sup>	All commodities
1970.....	111.0	113.6	110.3	106.2	102.2	108.3	113.6	116.6	107.5	113.6	110.0	110.4
1971.....	112.9	115.5	114.1	115.2	104.1	109.1	127.3	118.7	110.0	116.7	114.1	114.0
1972.....	125.0	121.8	131.3	118.6	104.2	109.3	144.3	123.5	111.4	117.5	117.9	119.1
1973.....	176.3	146.9	143.1	134.3	110.0	112.4	177.2	132.8	115.2	121.9	125.9	134.7
1974.....	187.7	174.4	145.1	208.3	146.8	136.2	183.6	171.9	127.9	132.8	153.8	160.1
1975.....	186.7	186.0	148.5	245.1	181.3	150.2	176.9	185.6	139.7	149.6	171.5	174.9
1976.....	191.0	178.9	167.8	265.6	187.2	159.2	205.6	195.9	145.6	163.0	182.4	183.0
1977.....	192.5	186.8	179.3	302.2	192.8	167.6	236.3	209.0	151.5	179.8	195.1	194.2
1978.....	212.5	206.4	200.0	322.5	198.8	174.8	276.0	227.1	160.4	198.5	209.4	209.3
1979.....	241.4	226.4	252.4	408.1	222.3	194.3	300.4	259.3	171.3	217.8	236.5	235.6
1980.....	249.4	244.7	248.8	574.0	260.3	217.4	288.9	286.4	187.7	245.7	274.8	268.8
1981.....	254.9	251.8	260.9	694.5	287.6	232.6	292.8	300.4	198.5	268.3	304.1	293.4
1982.....	242.4	254.4	262.6	693.2	292.3	241.4	284.7	301.6	206.9	323.1	312.3	299.3
1983.....	248.2	257.5	271.1	664.7	293.0	243.2	307.1	307.2	214.0	365.4	315.7	303.1
1984 <sup>3</sup> .....	255.8	269.2	286.3	656.8	300.8	246.8	307.4	316.1	218.7	398.4	322.6	310.3

<sup>1</sup> The index for tobacco products and bottled beverages formerly appearing in this table was discontinued in 1967.<sup>2</sup> Prior to January 1967, classified as "all commodities other than farm products and processed food."<sup>3</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Labor.

Table 577.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 1970-84

[1910-14=100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market <sup>1</sup>	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweet potatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Livestock and livestock products	All farm products	Ratio <sup>2</sup>
1970.....	162	179	183	604	265	217	214	292	366	218	225	405	350	147	325	274	72
1971.....	166	187	206	627	297	246	249	322	421	202	242	407	359	134	323	281	70
1972.....	192	181	245	685	329	265	269	326	431	226	257	496	372	137	372	313	74
1973.....	379	283	274	718	608	312	305	379	521	385	394	664	440	231	502	447	91
1974.....	529	423	433	821	625	319	303	403	509	543	504	553	510	214	454	481	86
1975.....	426	400	348	899	529	313	303	458	579	391	452	567	537	235	474	463	76
1976.....	355	379	504	906	551	294	291	456	579	375	443	569	591	233	485	464	71
1977.....	275	316	511	972	652	370	362	498	658	363	433	564	594	228	481	457	66
1978.....	336	320	466	1,061	608	509	522	522	695	379	456	757	647	243	595	524	70
1979.....	403	360	490	1,145	670	534	546	548	717	333	501	937	736	252	708	602	71
1980.....	452	417	583	1,219	664	458	462	562	722	469	539	878	798	254	691	614	65
1981.....	456	446	566	1,363	718	480	478	677	887	643	580	848	842	264	688	633	61
1982.....	401	378	469	1,505	575	647	673	629	790	455	524	876	831	252	696	609	57
1983.....	407	452	531	1,489	663	451	444	648	847	445	551	831	830	270	679	614	56
1984 <sup>3</sup> .....	394	460	553	1,484	707	730	776	670	874	569	598	854	823	307	701	649	58

See footnotes on page 409.



**Table 578.—Prices received by farmers: Index numbers by groups of commodities and ratio, United States, 1970–84**

(1977 = 100)

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market <sup>1</sup>	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweet-potatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Live-stock and live-stock products	All farm products	Ratio <sup>2</sup>
1970.....	59	57	36	62	41	59	59	59	56	60	52	72	59	64	67	60	109
1971.....	61	59	40	64	46	67	69	65	64	56	56	72	61	59	67	62	107
1972.....	70	57	48	70	51	72	74	65	65	62	60	88	63	60	77	69	111
1973.....	138	90	54	74	93	84	84	76	79	106	91	118	74	101	104	98	138
1974.....	192	134	85	85	96	86	84	81	77	150	117	98	86	94	94	105	130
1975.....	155	127	68	93	81	85	84	92	88	108	105	100	90	103	98	101	113
1976.....	129	120	99	93	85	80	80	91	88	104	102	101	100	102	101	102	107
1977.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1978.....	122	101	91	109	93	137	144	105	106	104	105	134	109	106	124	115	106
1979.....	147	114	96	118	103	144	151	110	109	92	116	166	124	111	147	132	107
1980.....	165	132	114	125	102	124	128	113	110	129	125	156	135	112	144	134	97
1981.....	166	141	111	140	110	130	132	136	135	177	134	150	142	116	143	139	93
1982.....	146	120	92	153	88	175	186	126	120	125	121	155	140	110	145	133	85
1983.....	148	143	104	155	102	122	123	130	129	123	127	147	140	118	141	134	84
1984 <sup>3</sup> .....	143	146	108	153	109	197	214	135	133	157	138	151	139	135	146	142	87

<sup>1</sup> Fresh market for noncitrus, and fresh market and processing for citrus. <sup>2</sup> Ratio of Index of Prices Received (1977=100) to Index of Prices Paid (1977=100). <sup>3</sup> Preliminary.

Statistical Reporting Service. These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1971–73 for the 1965–83 indexes.

**Table 579.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1970–84<sup>1</sup>**

(1977 = 100)

Year	Production indexes												Interest	Taxes	Wage rates <sup>3</sup>	Production, interest, taxes, and wage rates <sup>4</sup>	Commodities, interest, taxes, and wage rates <sup>4</sup>
	Production (all commodities)	Feed	Feed-livestock	Seed	Fertilizer	Agricultural chemicals <sup>2</sup>	Fuels and energy <sup>2</sup>	Farm and motor supplies	Autos and trucks	Tractors and self-propelled machinery	Other machinery	Building and fencing	Farm services and cash rent <sup>2</sup>				
1970.....	54	54	77	43	48	62	52	66	51	49	47	49	.....	39	68	57	54
1971.....	57	56	79	47	50	63	53	68	56	51	50	53	49	43	72	59	56
1972.....	61	57	94	52	52	65	54	69	58	54	53	57	53	47	75	63	60
1973.....	73	86	121	64	56	67	57	73	62	58	57	64	59	55	77	69	72
1974.....	83	104	93	82	92	76	79	89	69	68	65	79	72	65	81	79	81
1975.....	91	100	85	94	120	102	88	102	82	82	80	90	86	77	87	85	89
1976.....	97	103	97	92	102	111	93	100	91	91	92	94	92	88	94	93	95
1977.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1978.....	108	98	140	105	100	94	105	104	106	109	108	108	107	117	100	107	109
1979.....	125	110	185	110	108	96	137	115	117	122	119	118	117	143	107	117	125
1980.....	136	123	177	118	134	102	188	134	123	136	132	128	125	174	115	126	139
1981.....	148	134	164	138	144	111	213	147	143	152	146	134	137	211	123	137	151
1982.....	150	122	164	141	144	119	210	152	159	165	160	135	145	241	124	144	155
1983.....	153	134	160	141	137	125	202	152	170	174	171	138	146	250	129	148	159
1984.....	155	135	154	151	143	128	201	147	182	181	180	138	148	251	132	150	164

<sup>1</sup> Index values for 1970 through 1975 were revised and published in May 1976 using 1971–73 weights. Indexes were reordered and several new indexes introduced. Revised monthly indexes for January 1965–April 1975 are available upon request. <sup>2</sup> New index; values for years prior to 1971 are not available. <sup>3</sup> Simple average of seasonally adjusted quarterly indexes. <sup>4</sup> Family Living component included.

Statistical Reporting Service.

Table 580.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1970-84 <sup>1</sup>

[1910-14=100]

Year	Family living indexes							Production indexes					
	Family living (all commodities)	Food	Clothing	Housing <sup>2</sup>	Autos and auto supplies	Medical and health care <sup>2</sup>	Education, recreation, and other <sup>2</sup>	Production (all commodities)	Feed	Feeder livestock	Seed	Fertilizer	Agricultural chemicals
1970 .....	363	368	467	361	392	413	371	313	216	472	267	129	270
1971 .....	379	375	487	376	415	440	387	328	224	483	294	134	274
1972 .....	394	395	512	393	428	455	401	351	226	575	321	138	284
1973 .....	426	460	559	424	452	472	412	424	342	742	397	150	292
1974 .....	484	531	637	496	530	513	438	481	414	570	512	246	329
1975 .....	533	574	682	558	595	576	474	528	399	517	582	320	443
1976 .....	563	589	739	592	639	631	495	559	408	594	574	272	481
1977 .....	<sup>3</sup> 576	(*)	(*)	(*)	(*)	(*)	(*)	579	398	611	621	266	434
1978 .....	616	(*)	(*)	(*)	(*)	(*)	(*)	628	390	853	650	265	407
1979 .....	683	(*)	(*)	(*)	(*)	(*)	(*)	720	436	1,129	681	287	415
1980 .....	776	(*)	(*)	(*)	(*)	(*)	(*)	798	491	1,084	736	357	443
1981 .....	858	(*)	(*)	(*)	(*)	(*)	(*)	855	532	1,004	858	383	480
1982 .....	914	(*)	(*)	(*)	(*)	(*)	(*)	865	484	1,002	877	384	518
1983 .....	944	(*)	(*)	(*)	(*)	(*)	(*)	883	532	975	878	365	543
1984 .....	1,067	(*)	(*)	(*)	(*)	(*)	(*)	896	539	941	939	381	556

  

Year	Production indexes—Continued							Interest	Taxes	Wage rates <sup>6</sup>	Production, interest, taxes, and wage rates	Commodities, interest, taxes, and wage rates <sup>7</sup>
	Fuels and energy	Farm and motor supplies	Autos and trucks	Tractors and self-propelled machinery	Other machinery	Building and fencing	Farm services and cash rent <sup>5</sup>					
1970 .....	185	290	587	590	526	458	.....	665	1,095	1,083	397	382
1971 .....	190	298	645	619	556	491	328	724	1,158	1,139	417	400
1972 .....	191	305	673	651	590	530	357	799	1,206	1,205	447	425
1973 .....	204	320	714	695	633	594	396	920	1,236	1,314	532	491
1974 .....	281	392	793	816	725	733	482	1,103	1,305	1,506	605	558
1975 .....	313	450	940	990	895	835	578	1,303	1,400	1,627	665	613
1976 .....	331	439	1,043	1,102	1,025	871	621	1,481	1,518	1,781	709	653
1977 .....	357	441	1,151	1,205	1,120	928	674	1,688	1,614	1,915	743	689
1978 .....	376	458	1,218	1,315	1,211	1,001	720	1,981	1,612	2,053	806	745
1979 .....	488	506	1,343	1,466	1,332	1,099	791	2,420	1,730	2,242	926	848
1980 .....	672	592	1,417	1,640	1,483	1,185	845	2,933	1,859	2,421	1,029	948
1981 .....	762	647	1,650	1,831	1,637	1,241	926	3,556	1,988	2,627	1,117	1,035
1982 .....	750	671	1,834	1,982	1,789	1,254	979	4,085	1,998	2,760	1,152	1,078
1983 .....	722	668	1,957	2,100	1,913	1,281	987	4,240	2,083	2,836	1,177	1,104
1984 .....	719	649	2,097	2,179	2,010	1,275	999	4,251	2,123	2,868	1,193	1,128

<sup>1</sup> Index values for 1970 through 1975 were revised and published in May 1976 using 1971-73 weights. Indexes were reordered and several new indexes introduced. Revised monthly indexes for January 1965 to April 1976 are available upon request.

<sup>2</sup> Based on Consumer Price Indexes of Bureau of Labor Statistics.

<sup>3</sup> Beginning 1977, based on Consumer Price Indexes of Bureau of Labor Statistics.

<sup>4</sup> Discontinued.

<sup>5</sup> New index, values for years prior to 1971 are not available.

<sup>6</sup> Simple average of seasonally adjusted quarterly indexes.

<sup>7</sup> The index known as the Parity Index is the Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Wage Rates expressed on the 1910-14=100 base.

Statistical Reporting Service.

Table 581.—Prices paid by farmers: Prices, by commodities, United States, 1980-84 <sup>1 2</sup>

Commodity and unit	1980	1981	1982	1983	1984
	Dollars	Dollars	Dollars	Dollars	Dollars
<b>Building materials:</b>					
Framing lumber, 2 by 4 inches, per 1,000 board feet:					
Pine, Standard and better.....	368.00	345.00	324.00	362.00	361.00
Fir, Standard and better.....	409.00	387.00	355.00	393.00	388.00
Boards, per 1,000 board feet:					
Rough, for farm fences and construction.....	468.00	463.00	468.00	474.00	483.00
Dressed, 1-inch, pine S4S, standard and better or No. 2 and better <sup>3</sup> .....	599.00	613.00	597.00	615.00	633.00
Nails, 8d, common, per pound.....	.603	.655	.672	.660	.643
Roofing, galvanized steel, per 100 square feet.....	39.60	41.70	42.90	43.00	42.60
Shingles, fiberglass, per square.....	30.50	30.50	29.60	28.80	27.80
Insulating sheathing, (asphalt-treated) regular density, ½-inch, per sheet 4 feet by 8 feet.....	4.14	4.52	4.72	5.00	5.12
Concrete blocks, per 100.....	75.70	82.30	85.10	87.50	90.20
Portland cement, per 94 pounds.....	5.03	5.43	5.63	5.88	6.06
Paint, house, exterior, latex per gallon <sup>4</sup> .....	14.50	15.60	16.30	16.50	16.10
Barbed wire, 2-point, per spool of 80 rods.....	32.90	35.70	37.00	36.20	35.50
Barbed wire, 4-point, per spool of 80 rods.....	36.70	39.10	41.40	40.50	39.50
Posts, wood, farm line fence, each.....	3.47	3.75	3.66	3.68	.365
Posts, steel, each.....	2.86	3.02	3.00	2.96	2.79
Staples, fence, per pound.....	.647	.713	.745	.730	.704
Woven wire fencing, 32-inch, per 20-rod roll.....	74.70	78.80	81.10	80.60	77.30
Iron pipe, galvanized, 1½-inch, I.D., per foot.....	1.65	1.86	2.03	2.06	1.98
Plastic tubing, 1-inch, I.D., per foot.....	.233	.246	.259	.257	.254
<b>Fuels and energy:</b>					
Fuel, per gallon:					
Diesel fuel.....	.988	1.16	1.11	1.00	1.00
Gasoline, service station, unleaded regular.....	1.24	1.38	1.31	1.23	1.20
Gasoline, bulk delivery, leaded regular.....	1.15	1.29	1.23	1.18	1.16
L. P. gas, bulk delivery.....	.619	.697	.706	.770	.760
Electricity, per kilowatt hour.....	.0472	.0534	.0619	.0648	.683
<b>Motor supplies:</b>					
Grease, 35 lb. pail.....	25.00	28.60	30.60	31.70	31.50
Motor oil, per gallon:					
All weather, high detergent.....	4.38	5.20	5.51	5.40	5.00
Heavy duty, detergent.....	3.90	4.75	5.08	4.99	4.68
Regular, nondetergent.....	3.46	4.29	4.56	4.50	4.27
Spark plugs, each.....	1.65	1.77	1.87	1.91	1.85
Storage batteries, CPR 220-310 amps, each.....	51.90	51.80	52.30	50.30	48.40
<b>Tires:</b>					
Auto tires, bias-belted const., E78-14, tubeless each <sup>5</sup> .....	51.00	51.00	49.20	47.50	44.10
Auto tires, radial, steel-belted, P/195/75R14/ER78-14 tubeless, each <sup>6</sup> .....	76.20	72.70	71.60	67.30	61.20
Truck tires, 9.00-20, 10-ply, each.....	163.00	179.00	183.00	178.00	167.00
Tractor tires, rear, 15.5-38, 6-ply, each.....	286.00	307.00	321.00	306.00	289.00
Tractor tires, rear, 18.4-34, 6-ply, each.....	366.00	400.00	417.00	392.00	376.00
<b>New motor vehicles:</b>					
Autos, 4-door sedans:					
Compact <sup>7</sup> .....	6,882.00	7,797.00	8,237.00	8,533.00	8,540.00
Intermediate size <sup>8</sup> .....	7,238.00	8,462.00	9,415.00	9,797.00	10,100.00
Standard <sup>9</sup> .....	8,025.00	9,338.00	10,367.00	11,417.00	12,400.00
<b>New trucks:</b>					
2-ton, cab and chassis, each <sup>10</sup> .....	13,583.00	15,767.00	17,700.00	18,150.00	18,330.00
¾-ton pickup <sup>11</sup> .....	7,248.00	8,335.00	9,342.00	9,815.00	10,350.00
<b>Tractors:</b>					
Wheel, 30-39 maximum P.T.O. horsepower, each.....	9,218.00	10,173.00	10,900.00	11,200.00	11,400.00
Wheel, 50-59 maximum P.T.O. horsepower, each.....	13,300.00	14,700.00	15,900.00	17,000.00	17,400.00

See footnotes at end of table.

Table 581.—Prices paid by farmers: Prices, by commodities, United States, 1980-84<sup>1 2</sup> —  
Continued

Commodity and unit	1980	1981	1982	1983	1984
	Dollars	Dollars	Dollars	Dollars	Dollars
<b>Farm machinery:</b>					
Plows, moldboard, 3-bottom, each .....	2,000.00	2,220.00	2,400.00	2,580.00	2,670.00
Plows, moldboard, 5-bottom, each .....	5,250.00	5,850.00	6,410.00	6,680.00	6,870.00
Plows, moldboard, 7-bottom, each .....	7,970.00	8,810.00	9,240.00	9,720.00	10,130.00
Disk harrows, tandem, 16-ft., each .....	6,060.00	6,670.00	7,370.00	7,750.00	7,890.00
Disk harrows, tandem, 19-ft., each .....	7,870.00	8,770.00	9,610.00	10,200.00	10,670.00
Cultivators, 4-row, tractor, each .....	2,070.00	2,240.00	2,370.00	2,450.00	2,480.00
Corn planters, 4-row, plain, each .....	4,810.00	5,400.00	6,040.00	6,590.00	6,900.00
Grain drills, tractor-drawn, 16-tube, plain, each .....	4,090.00	4,430.00	4,770.00	5,070.00	5,360.00
Grain drills, tractor-drawn, 13-tube, with fertilizer attachment, each .....	4,100.00	4,400.00	4,840.00	4,950.00	5,210.00
Mowers, tractor, 7-ft., each .....	1,660.00	1,850.00	2,060.00	2,680.00	2,440.00
Pick-up balers, automatic tie, P.T.O., each <sup>12</sup> .....	6,090.00	6,750.00	7,570.00	8,200.00	8,920.00
Combines, self-propelled:					
Medium capacity, each .....	47,000.00	53,100.00	58,300.00	60,700.00	62,200.00
Large capacity, each .....	64,900.00	73,700.00	80,500.00	84,500.00	86,400.00
Corn picker-huskers, 2-row, each .....	10,100.00	11,400.00	12,400.00	13,000.00	13,700.00
Farm wagons, without box and tires, each .....	814.00	865.00	945.00	979.00	1,030.00
Power sprayers, boom type, tr. mtd., each .....	1,480.00	1,600.00	1,770.00	1,880.00	1,940.00
Electric motors, ½-horsepower, each .....	60.80	67.70	71.50	74.50	75.70
<b>Farm supplies:</b>					
Hammers, nail, 16 oz. head, with handle, each .....	10.40	11.90	12.90	13.10	13.20
Pitchfork, 4-tine, each .....	14.90	16.60	18.40	19.50	20.10
Hoes, 7-inch blade, each .....	8.36	9.22	10.30	10.60	11.00
Metal pails, 12 quarts, each <sup>13</sup> .....	4.90	4.94	5.23	5.27	5.08
Rope, polypropylene, ½-inch, per 100 feet <sup>14</sup> .....	18.10	19.00	19.80	20.20	19.80
Baler twine, per 40-pound bale .....	23.40	24.90	25.60	24.10	21.60
New baskets, round stave, bushel, with cover, per dozen .....	15.50	17.10	18.10	18.60	19.30
<b>Farm services:</b>					
Telephone, per month .....	10.80	11.50	12.80	14.40	15.60
<b>Fertilizer:</b>					
<b>Mixed fertilizer:</b>					
0-20-20, per ton .....	163.00	176.00	171.00	169.00	173.00
3-9-9, per ton .....	145.00	164.00	171.00	168.00	177.00
4-8-12, per ton .....	144.00	159.00	166.00	165.00	173.00
4-12-24, per ton <sup>15</sup> .....	157.00				
5-10-10, per ton .....	134.00	145.00	149.00	142.00	145.00
5-10-15, per ton .....	137.00	153.00	155.00	149.00	155.00
5-20-20, per ton .....	182.00	187.00	182.00	175.00	182.00
6-24-24, per ton .....	209.00	220.00	216.00	204.00	210.00
10-10-10, per ton .....	148.00	163.00	165.00	157.00	161.00
12-12-12, per ton .....	170.00	183.00	189.00	180.00	182.00
16-20-0, per ton, ammonium phosphate .....	206.00	218.00	227.00	220.00	216.00
18-46-0, per ton .....	288.00	277.00	259.00	247.00	261.00
Nitrate of soda, per ton .....	167.00	191.00	194.00	194.00	196.00
Sulphate of ammonia, per ton .....	137.00	153.00	162.00	148.00	151.00
Ammonium nitrate, per ton .....	165.00	187.00	193.00	185.00	196.00
Superphosphate, 20% P <sub>2</sub> O <sub>5</sub> , per ton <sup>15</sup> .....	131.00				
Superphosphate, 44-46% P <sub>2</sub> O <sub>5</sub> , per ton .....	243.00	243.00	225.00	212.00	222.00
Muriate of potash, 60% K <sub>2</sub> O, per ton .....	135.00	152.00	152.00	140.00	140.00
Agricultural limestone, spread on field, per ton .....	13.20	14.80	15.50	15.90	16.10
<b>Livestock:</b>					
<b>Feeders and stockers:</b>					
Cattle and calves, per 100 pounds .....	70.00	62.00	60.60	61.20	59.20
Pigs (40-60 lbs. av.), per 100 pounds .....	63.70	76.80	108.00	77.00	84.10
Broiler chicks, per 100 .....	15.50	16.50	16.60	16.70	17.50
Egg-type chicks, per 100 .....	44.80	47.70	49.00	50.40	50.70
Turkey poults, each .....	.815	.879	.907	.928	.946

See footnotes at end of table.



**Table 581.—Prices paid by farmers: Prices, by commodities, United States, 1980–1984 <sup>1 2</sup>—Continued**

Commodity and unit	1980	1981	1982	1983	1984
	Dollars	Dollars	Dollars	Dollars	Dollars
<b>Feed:</b>					
Cottonseed meal, 41% protein per 100 pounds.....	13.20	15.00	13.60	14.50	15.10
Soybean meal, 44% per 100 pounds.....	13.70	14.80	13.50	14.30	13.30
Bran, per 100 pounds.....	9.40	10.30	9.89	9.96	10.30
Middlings, per 100 pounds.....	9.20	9.87	9.47	9.56	9.80
Cornmeal, per 100 pounds.....	7.20	8.19	7.42	8.16	8.59
Laying feed, per ton <sup>16</sup> .....	188.00	210.00	190.00	204.00	206.00
Broiler grower, per ton <sup>16</sup> .....	207.00	227.00	210.00	223.00	233.00
Chick starter, per ton <sup>16</sup> .....	214.00	233.00	212.00	228.00	230.00
<b>Dairy feed:</b>					
14 percent protein, per ton.....	164.00	182.00	168.00	174.00	179.00
16 percent protein, per ton.....	177.00	192.00	177.00	188.00	191.00
18 percent protein, per ton.....	189.00	206.00	187.00	200.00	199.00
20 percent protein, per ton.....	193.00	209.00	188.00	203.00	202.00
32 percent protein, per ton.....	248.00	277.00	263.00	279.00	268.00
Stock salt, per 100 pounds.....	5.11	5.75	6.07	6.20	6.35
<b>Seeds:</b>					
Barley, per bushel.....	5.29	5.94	5.90	5.80	6.00
Corn, hybrid, per bushel.....	52.50	60.00	63.70	64.60	70.20
Oats, per bushel.....	4.17	4.60	4.81	4.82	4.95
Potatoes, per 100 pounds.....	4.90	11.00	8.10	6.90	8.76
Rye, per bushel.....	6.60	6.76	6.73	6.62	6.90
Soybeans, per bushel.....	10.40	14.00	10.70	10.10	13.40
Wheat, per bushel.....	7.07	7.33	7.20	7.01	6.94
Grain sorghum, hybrid, per 100 pounds.....	45.00	49.40	61.50	65.30	64.20
Alfalfa, uncultivated, per 100 pounds.....	176.00	173.00	158.00	164.00	162.00
Alfalfa, certified, per 100 pounds.....	214.00	218.00	207.00	209.00	220.00
Red clover, per 100 pounds.....	112.00	115.00	124.00	151.00	147.00
Lespedeza, Korean, per 100 pounds.....	52.00	82.00	75.10	72.10	85.70
Sudangrass, per 100 pounds.....	33.50	40.70	45.10	45.00	42.40
Timothy, per 100 pounds.....	87.30	93.20	67.80	67.40	69.60

<sup>1</sup> Prices paid by farmers are collected, for the most part, from retail establishments located in small cities and towns in rural areas.

<sup>2</sup> Family living surveys for food, clothing, and household furnishings were discontinued in 1977.

<sup>3</sup> Pine added to description in 1980.

<sup>4</sup> Latex added to description in 1980.

<sup>5</sup> G78–15 prior to 1981.

<sup>6</sup> 205–15, GR78–15 prior to 1980.

<sup>7</sup> Current coverage includes Chevrolet Cavalier, Ford Tempo, and Plymouth Reliant.

<sup>8</sup> Current coverage includes Chevrolet Celebrity, Chrysler Le Baron CRS, and Ford LTD. (beginning Nov. 1984).

<sup>9</sup> Current coverage includes Chevrolet Impala, Ford Crown Victoria, and Buick LeSabre Limited; includes Chrysler E-Class (beginning Nov. 1983).

<sup>10</sup> Coverage includes Ford and Chevrolet.

<sup>11</sup> Coverage includes Ford, Chevrolet, and Dodge.

<sup>12</sup> "Conventional size bales, under 200 lbs." added in 1976.

<sup>13</sup> Prior to 1980, "Milk Pails."

<sup>14</sup> Prior to 1980, "manila rope, ½ in., per 100 ft."

<sup>15</sup> Discontinued in 1981.

<sup>16</sup> Specifications call for "complete feed."

Statistical Reporting Service.

Table 582.—Farm income: Cash receipts from farm marketings, by commodities or commodity groups, United States, 1970-84

Year	Cattle and calves	Hogs	Sheep and lambs	Dairy products	Eggs	Broilers and farm chickens	Turkeys and other poultry <sup>1</sup>	Wool	Other livestock and products <sup>2</sup>	Total livestock and products
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1970.....	13,633	4,478	334	6,527	2,109	1,564	575	57	255	29,532
1971.....	14,986	4,112	323	6,812	1,782	1,585	585	31	263	30,479
1972.....	18,237	5,317	354	7,136	1,800	1,752	630	56	302	35,584
1973.....	22,336	7,529	390	8,090	2,947	2,908	1,055	120	397	45,772
1974.....	17,844	6,947	369	9,454	2,854	2,557	809	79	413	41,326
1975.....	17,520	7,916	386	9,923	2,814	3,063	933	54	480	43,089
1976.....	19,294	7,488	393	11,428	3,135	3,050	970	73	492	46,323
1977.....	20,225	7,281	386	11,752	2,919	3,234	1,059	77	702	47,635
1978.....	28,284	8,754	453	12,724	2,939	3,845	1,326	76	797	59,162
1979.....	35,025	9,058	470	14,642	3,329	4,190	1,404	91	1,027	69,236
1980.....	31,819	8,943	471	16,365	3,247	4,431	1,482	93	1,140	67,991
1981.....	29,538	9,794	416	18,095	3,648	4,778	1,523	104	1,255	69,151
1982.....	29,813	10,659	445	18,234	3,438	4,597	1,522	72	1,488	70,268
1983.....	28,682	9,785	426	18,757	3,449	5,020	1,556	63	1,755	69,443
1984 <sup>3</sup> .....	30,601	9,691	465	17,927	4,086	6,140	1,962	74	1,793	72,739

  

Year	Food grains	Feed crops	Cotton (lint and seed)	Oil-bearing crops	Tobacco	Fruits and tree nuts	Vegetables <sup>4</sup>	Other crops <sup>5</sup>	Total crops <sup>6</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1970.....	2,542	5,109	1,254	3,591	1,388	2,071	2,814	2,208	20,977
1971.....	2,485	5,525	1,487	3,787	1,328	2,305	3,010	2,341	22,269
1972.....	3,498	5,854	1,842	4,393	1,442	2,558	3,285	2,648	25,523
1973.....	7,194	10,605	2,798	7,580	1,570	3,445	4,351	3,572	41,114
1974.....	8,581	13,935	2,893	9,963	2,097	3,441	5,336	4,820	51,065
1975.....	8,195	12,183	2,311	7,480	2,155	3,563	5,346	4,579	45,813
1976.....	7,112	13,127	3,477	9,443	2,310	3,714	5,231	4,619	49,032
1977.....	6,055	11,906	3,470	9,722	2,331	4,603	5,609	4,872	48,600
1978.....	5,839	11,427	3,465	13,023	2,604	5,764	6,022	4,876	53,020
1979.....	9,047	14,040	4,305	14,300	2,271	6,462	6,481	5,363	62,269
1980.....	10,402	18,308	4,478	15,493	2,672	6,557	7,299	6,560	71,769
1981.....	11,619	17,774	4,551	13,853	3,250	6,575	8,771	6,543	72,936
1982.....	11,469	17,231	4,948	13,814	3,342	6,805	8,113	6,969	72,670
1983.....	9,733	16,191	3,316	13,505	2,831	6,026	8,105	7,109	66,817
1984 <sup>3</sup> .....	9,739	16,451	3,359	13,666	2,841	6,265	8,911	7,863	69,096

<sup>1</sup> Ducks, geese, guineas, pigeons, quail, pheasants, and turkey hatching eggs.<sup>2</sup> Horses and mules, mohair, honey, beeswax, bees, goats, rabbits, and fur animals.<sup>3</sup> Preliminary.<sup>4</sup> Includes melons.<sup>5</sup> Sugar crops, greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broomcorn, popcorn, hem fiber and seeds, and flax fiber.<sup>6</sup> Totals may not add due to rounding.

Economic Research Service.

## FOOTNOTES FOR TABLE 577

<sup>1</sup> Fresh market for noncitrus, and fresh market and processing for citrus.<sup>2</sup> Ratio of Index of Prices Received to the Parity Index; (Index of prices paid by farmers for commodities and services, interest, taxes, and farm wage rates).<sup>3</sup> Preliminary.

Statistical Reporting Service. These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1971-73 for -82 indexes. (See table 581 for data on 1977=100 basis.)

Table 583.—Agricultural commodity support prices

Commodity and unit	1970	1971	1972	1973	1974 <sup>2</sup>	1975 <sup>2</sup>
<b>MANDATORY <sup>3</sup></b>						
<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
<b>Basic commodities:</b>						
Corn:						
Support level <sup>4</sup> ..... bushel.....	1.35	1.35	1.41	1.64	1.38	1.38
Loan rate.....do.....	1.05	1.05	1.05	1.05	1.10	1.10
Cotton:						
American upland: <sup>5</sup>						
Support level <sup>4</sup> ..... pound.....	.3705	.3500	.3585	.4152	.3800	.3800
Loan rate.....do.....	.2025	.1950	.1950	.1950	.2526	.3427
Extra-long staple:						
Support level <sup>4</sup> .....do.....	.4979	.5109	.5135	.5421	.6058	.7410
Loan rate.....do.....	.4050	.3840	.3850	.3820	.4972	.6774
Peanuts.....do.....	.1275	.1342	.1425	.1642	.1830	.1972
Rice:						
Support level <sup>4</sup> .....cwt.....	4.86	5.07	5.27	6.07	7.54	8.52
Loan rate.....do.....						
Wheat:						
Support level <sup>4</sup> ..... bushel.....	2.82	2.93	3.02	3.39	2.05	2.05
Loan rate.....do.....	1.25	1.25	1.25	1.25	1.37	1.87
Tobacco:						
Flue-cured, types 11-14..... pound.....	.666	.694	.727	.766	.833	.932
Fire-cured, types 21-23.....do.....	.466	.485	.508	.535	.582	.652
Burley, type 31.....do.....	.686	.715	.749	.789	.858	.961
Dark air-cured, types 35-36.....do.....	.414	.431	.452	.476	.518	.580
Virginia sun-cured, type 37.....do.....	.414	.431	.452	.476	.518	.580
Cigar filler, Puerto Rican, type 46.....do.....	.356	.371	.389	.410	.446	.499
Cigar binder, types 51-52.....do.....	.475	.495	.519	.546	.594	.665
Ohio filler and Wisconsin binder types 42-44 and 53-55.....do.....	.343	.358	.375	.395	.429	.480
<b>Nonbasic commodities:</b>						
Butterfat.....do.....	.715	( <sup>9</sup> )				
Milk for manufacturing.....cwt.....	4.66	4.93	4.93	5.29	6.57	7.24
Honey, wholesale, extracted.....pound.....	.130	.140	.130	.161	.206	.255
Mohair.....do.....	.802	.802	.802	.802	.802	.802
Tung nuts.....ton.....	70.85	73.45	74.74	74.75	80.60	79.95
Wool.....pound.....	.72	.72	.72	.72	.72	.72
Barley: <sup>10</sup>						
Support level <sup>4</sup> ..... bushel.....	1.03	<sup>11</sup> .81	1.10	1.27	1.13	1.13
Loan rate.....do.....	.83	.81	.86	.86	.90	.90
Sorghum grain: <sup>10</sup>						
Support level <sup>4</sup> .....cwt.....	2.14	2.21	2.39	2.61	2.34	2.34
Loan rate.....do.....	1.61	1.73	1.79	1.79	1.88	1.88
Oats: <sup>10</sup>						
Support level..... bushel.....						
Loan rate.....do.....	.63	.54	.54	.54	.54	.54
Rye <sup>10</sup> .....do.....	1.02	.89	.89	.89	.89	.89
<b>NONMANDATORY</b>						
<b>Nonbasic Commodities:</b>						
Beans, dry edible.....cwt.....	6.40	6.40	6.40	6.40	6.40	( <sup>12</sup> )
Cottonseed <sup>10</sup> .....ton.....	37.00	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )
Flaxseed.....bushel.....	2.50	2.50	2.50	2.50	2.50	( <sup>12</sup> )
Soybeans.....do.....	2.25	2.25	2.25	2.25	2.25	( <sup>12</sup> )

<sup>1</sup> National averages during the marketing years for the individual crops, beginning in the years shown.

<sup>2</sup> Support level for 1974 through 1982 represents the statutory established price (the so-called target price) except for extra-long staple cotton. For 1984, the support level represents the target price for all commodities.

<sup>3</sup> Commodities grouped under "Mandatory" are those which the Commodity Credit Corporation is required by law to support.

<sup>4</sup> Represents the average loan rate plus any direct price-support payment (or in the case of wheat the value of the domestic marketing certificate) received by participants in the program for the commodity. The basis of such payments varies among the crops and from year to year.

<sup>5</sup> 1-inch middling through 1973, 1½ strict low middling 1974 and subsequent years.

<sup>6</sup> Subsequent to 1970, loans are made on net weight basis rather than gross weight basis.

per unit, United States, 1970-85 <sup>1</sup>

1976 <sup>2</sup>	1977 <sup>2</sup>	1978 <sup>2</sup>	1979 <sup>2</sup>	1980 <sup>2</sup>	1981 <sup>2</sup>	1982 <sup>2</sup>	1983	1984	1985
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1.57	2.00	2.10	2.20	2.35	2.40	2.70	2.86	3.03	3.03
1.50	2.00	2.00	2.00	2.25	2.40	2.55	2.65	2.55	2.55
.4320	.4780	.5200	.5770	.5840	.7087	.7100	.7600	.8100	.8100
.3712	.4258	.4800	.5023	.4800	.5246	.5708	.5500	.5500	.5730
.7475	.7670	.8320	.9295	.9350	.9900	.9989	.9625	.9900	1.0314
.7324	.7670	.8320	.9295	.9350	.9900	.9989	.9625	.8250	.8595
.2070	.2153	.2100	.2100	.2275	.2275	.2750	.2750	.2750	.2795
8.25	8.25	8.57	9.05	9.49	10.68	10.85	11.40	11.90	11.90
6.19	6.19	6.40	6.79	7.12	8.01	8.14	8.14	8.00	8.00
2.29	<sup>8</sup> 2.90	3.40	3.40	3.63	3.81	4.05	4.30	4.38	4.38
2.25	2.25	2.35	2.50	3.00	3.20	3.55	3.65	3.30	3.30
1.060	1.138	1.210	1.293	1.415	1.587	1.699	1.699	1.699	1.699
.741	.795	.846	.904	.989	1.110	1.230	1.230	1.230	n.a.
1.093	1.173	1.247	1.333	1.459	1.636	1.751	1.751	1.751	n.a.
.659	.707	.752	.804	.880	.987	1.057	1.057	1.057	n.a.
.659	.707	.752	.804	.880	.987	1.094	1.094	1.094	n.a.
.567	.609	.647	.692	.757	.849	.909	.909	.740	n.a.
.756	.812	.863	.923	1.010	1.133	1.212	1.212	( <sup>12</sup> ) .907	( <sup>12</sup> ) n.a.
.546	.586	.623	.667	.729	.818	.907	.907	.907	n.a.
8.13	9.00	9.87	11.49	12.36	13.10	13.10	13.10	12.60	12.10
.294	.327	.368	.439	.503	.574	.604	.622	.658	.653
.802	1.498	1.647	1.943	2.903	3.718	3.980	4.63	5.17	4.65
80.00									
.72	.99	1.08	1.15	1.23	1.35	1.37	1.53	1.65	1.73
1.28	1.39	2.25	2.40	2.55	2.60	2.60	2.60	2.60	2.60
1.22	1.63	1.63	1.71	1.83	1.95	2.08	2.16	2.08	2.08
2.66	2.89	4.07	4.11	4.46	4.55	4.64	4.86	5.14	5.14
2.55	2.70	3.39	3.57	3.82	4.07	4.32	4.50	4.32	4.32
.72	1.03	1.03	1.08	1.16	1.24	<sup>10</sup> 1.50	1.60	1.60	1.60
1.20	1.70	1.70	1.79	1.91	2.04	1.31	1.36	1.31	1.31
						2.17	2.25	2.17	2.17
( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )
( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )
( <sup>12</sup> )	( <sup>12</sup> )	4.50	4.50	4.50	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )
2.50	3.50	4.50	4.50	5.02	5.02	5.02	5.02	5.02	n.a.

<sup>1</sup> For quota portion of crop.

<sup>8</sup> Target level for wheat planted within allotment was \$2.90; target level of \$2.47 for unplanted allotment acreage.

<sup>9</sup> Suspended since 1971.

<sup>10</sup> Grade No. 2 or better except for oats which is Grade No. 3. Oats target or price support level began in 1982.

<sup>11</sup> Payment rate dropped; support level and loan rate are the same.

<sup>12</sup> No support program.

<sup>13</sup> For ginners purchases from producers, basis Grade 100, plus appropriate differentials to reflect ginners' normal handling costs.

n.a.=not available.

Agricultural Stabilization and Conservation Service.



Table 584.—Farm income: Gross and net income from farming, United States, 1970-84

Year	Gross income							Net income of farm operators	
	Cash receipts			Nonmoney and other farm income				Production expenses	1967 dollars
	Farm marketings <sup>1</sup>	Government payments	Total	Home consumption	Imputed rent	Other farm income <sup>2</sup>	Change in inventory	Total	
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1970	50,509	3,717	54,226	776	3,268	542	6	4,592	14,366
1971	52,748	3,145	55,893	744	3,475	610	1,397	6,226	15,012
1972	61,106	3,961	65,067	889	3,713	615	861	6,078	19,457
1973	86,886	2,607	89,493	1,115	4,147	749	3,406	9,417	34,356
1974	92,391	530	92,921	1,190	4,942	805	-1,611	5,326	27,267
1975	88,902	807	89,709	1,128	5,355	998	3,399	10,880	25,043
1976	95,355	734	96,089	1,182	6,115	1,079	-1,548	8,828	25,546
1977	96,235	1,819	98,054	1,160	7,250	1,893	1,080	10,712	82,742
1978	112,182	3,030	115,212	1,245	8,057	2,238	2,130	13,200	19,882
1979	131,505	1,375	132,880	1,245	9,270	2,273	5,045	17,798	118,957
1980	139,760	1,286	141,046	1,134	11,045	2,273	-5,928	149,569	31,722
1981	142,087	1,932	144,019	1,124	12,597	2,475	5,751	21,947	27,412
1982	142,938	3,492	146,430	1,048	12,936	2,577	-1,430	165,967	29,842
1983	136,260	9,295	145,555	973	12,122	2,539	-10,565	151,131	136,124
1984 <sup>3</sup>	141,835	8,430	150,265	988	11,900	3,046	7,827	150,623	135,626
								174,027	139,496

<sup>1</sup> Excludes forest product sales starting with 1978 data.<sup>2</sup> Includes forest product sales starting with 1978 data.<sup>3</sup> Preliminary.

Economic Research Service.

**Table 585.—Farm income: Cash receipts from farming and value of home consumption, by States, 1984 (preliminary)**

State	Cash receipts from farming				Value of home consumption <sup>1</sup>			Cash receipts from farming and value of home consumption	
	Farm marketings			Government payment	Total	Live-stock and products	Crops		Total
	Livestock and products	Crops	Total						
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	1,387,335	801,614	2,188,949	57,052	2,246,001	10,158	5,871	16,029	2,262,030
Alaska.....	7,069	17,738	24,807	181	24,988	1,380	0	1,380	26,368
Ariz.....	752,986	768,434	1,521,420	118,385	1,639,805	5,772	1,190	6,962	1,646,767
Ark.....	1,873,539	1,462,499	3,336,038	209,567	3,545,605	12,248	4,043	16,291	3,561,896
Calif.....	4,470,565	9,714,321	14,184,886	335,259	14,520,145	34,056	22,002	56,058	14,576,203
Colo.....	2,204,408	1,147,707	3,352,115	153,592	3,505,707	15,554	931	16,485	3,522,192
Conn.....	220,602	138,515	359,117	2,814	361,931	3,771	479	4,250	366,181
Del.....	383,351	137,097	520,448	5,201	525,649	1,483	111	1,594	527,243
Fla.....	1,090,603	3,496,426	4,587,029	40,728	4,627,757	7,907	8,680	16,587	4,644,344
Ga.....	1,848,869	1,738,605	3,587,474	79,286	3,666,760	9,767	6,219	15,986	3,682,746
Hawaii.....	87,151	529,568	616,719	607	617,326	1,620	0	1,620	618,946
Idaho.....	902,553	1,385,904	2,288,457	132,464	2,420,921	12,084	1,297	13,381	2,434,302
Ill.....	2,182,203	4,555,724	6,737,927	543,241	7,281,168	23,353	3,540	26,893	7,308,061
Ind.....	1,773,902	2,149,944	3,923,846	308,846	4,232,692	26,470	2,494	28,964	4,261,656
Iowa.....	5,012,623	4,299,673	9,312,296	742,763	10,055,059	29,117	2,784	31,901	10,086,960
Kans.....	3,619,546	2,327,946	5,947,492	573,878	6,521,370	23,449	1,759	25,208	6,546,578
Ky.....	1,412,434	1,239,714	2,652,148	96,670	2,748,818	27,822	8,241	36,063	2,784,881
La.....	477,701	1,049,791	1,527,492	121,464	1,648,956	10,486	2,341	12,827	1,661,783
Maine.....	289,230	166,601	455,831	4,339	460,170	3,519	641	4,160	464,330
Md.....	811,066	342,932	1,153,998	23,773	1,177,771	5,615	890	6,505	1,184,276
Mass.....	131,822	251,112	382,934	3,106	386,040	2,717	342	3,059	389,099
Mich.....	1,297,626	1,479,372	2,776,998	167,669	2,944,667	20,165	2,651	22,816	2,967,483
Minn.....	3,338,025	2,904,343	6,242,368	529,908	6,772,276	32,651	3,680	36,331	6,808,607
Miss.....	1,044,860	1,123,063	2,167,923	164,478	2,332,401	13,281	4,858	18,139	2,350,540
Mo.....	2,166,168	1,562,349	3,728,517	224,626	3,953,143	30,668	4,920	35,588	3,988,731
Mont.....	772,433	647,011	1,419,444	239,609	1,659,053	14,019	587	14,606	1,673,659
Nebr.....	4,522,959	2,558,707	7,081,666	532,981	7,614,647	19,870	1,397	21,267	7,635,914
Nev.....	172,372	79,958	252,330	4,489	256,819	2,882	55	2,937	259,756
N.H.....	75,521	33,367	108,888	1,690	110,578	1,760	236	1,996	112,574
N. J.....	134,746	370,564	505,310	7,303	512,613	3,289	572	3,861	516,474
N. Mex.....	656,526	332,199	988,725	49,183	1,037,908	7,524	2,035	9,559	1,047,467
N. Y.....	1,311,126	794,294	2,105,420	63,690	2,169,110	22,873	2,001	24,874	2,193,984
N. C.....	1,927,227	2,198,171	4,125,398	71,884	4,197,282	27,082	14,035	41,117	4,238,399
N. Dak.....	690,312	1,853,852	2,544,164	463,245	3,007,409	10,584	1,142	11,726	3,019,135
Ohio.....	1,611,728	1,998,970	3,610,698	232,204	3,842,902	38,860	3,493	42,353	3,880,255
Okla.....	1,775,728	786,738	2,562,466	309,379	2,871,845	31,591	2,492	34,083	2,905,928
Oreg.....	625,641	1,166,142	1,791,783	76,100	1,867,883	25,704	2,610	28,314	1,896,197
Pa.....	2,242,437	923,093	3,165,530	80,658	3,246,188	38,679	2,854	36,533	3,282,721
R. I.....	13,871	47,662	61,533	205	61,738	511	75	586	62,324
S. C.....	427,682	708,133	1,135,815	45,164	1,180,979	14,503	2,827	17,330	1,198,309
S. Dak.....	1,802,904	1,085,880	2,888,784	231,348	3,120,132	12,437	1,253	13,690	3,133,822
Tenn.....	1,003,352	981,205	1,984,557	76,561	2,061,118	27,634	8,070	35,704	2,096,822
Tex.....	5,900,910	3,781,743	9,682,653	782,441	10,465,094	42,050	7,766	49,816	10,514,910
Utah.....	444,370	135,690	580,060	28,026	608,086	10,260	519	10,776	618,862
Vt.....	369,279	30,669	399,948	8,450	408,398	6,021	909	6,930	415,328
Va.....	1,121,157	673,283	1,794,440	45,989	1,840,429	15,628	6,566	22,194	1,862,623
Wash.....	1,029,542	1,902,960	2,932,502	171,002	3,103,504	27,890	2,720	30,610	3,134,114
W. Va.....	181,594	44,038	225,632	5,807	231,439	15,605	1,556	17,161	248,600
Wis.....	4,072,912	1,062,926	5,135,838	237,814	5,373,652	52,694	3,350	56,044	5,429,696
Wyo.....	466,430	107,421	573,851	25,251	599,102	3,891	228	4,119	603,221
U. S.....	72,738,996	69,095,668	141,834,664	8,430,370	150,265,034	828,954	159,312	988,266	151,253,300

<sup>1</sup> Value of farm products consumed directly in farm households where produced.  
Economic Research Service.

Table 586.—Expenses: Farm production expenses, United States, 1970-84

Year	Feed purchased	Live-stock purchased	Seed purchased <sup>1</sup>	Fertilizer and lime	Repairs and operation of capital items <sup>2</sup>	Depreciation and other consumption of farm capital <sup>3</sup>	Hired labor <sup>4</sup>	Taxes on farm property <sup>5</sup>	Interest on farm mortgage debt <sup>6</sup>	Net rent to non-operator land-lords	Miscellaneous <sup>7</sup>	Total production expenses
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1970...	8,028	4,324	928	2,435	4,539	6,904	4,312	2,596	1,763	2,051	6,572	44,452
1971...	8,049	5,123	1,072	2,654	4,707	7,416	4,341	2,704	1,905	2,028	7,107	47,107
1972...	8,397	6,668	1,115	2,721	4,708	7,909	4,528	2,815	2,067	3,021	7,740	51,688
1973...	13,224	8,065	1,617	3,503	5,229	8,946	5,154	2,886	2,385	4,780	8,764	64,554
1974...	14,513	5,131	1,941	6,053	6,659	10,540	6,075	3,096	2,833	4,102	10,037	70,980
1975...	12,907	4,954	2,138	6,660	7,806	12,354	6,586	3,193	3,317	4,024	11,104	75,043
1976...	14,370	5,884	2,366	6,468	9,096	13,778	7,510	3,491	3,785	3,465	12,529	82,742
1977...	13,967	7,072	2,484	6,529	10,121	15,493	7,953	3,660	4,329	3,412	13,864	88,884
1978...	16,036	10,150	2,638	6,619	11,247	16,963	8,279	3,603	5,060	3,963	16,443	101,001
1979...	19,314	13,012	2,904	7,369	12,915	19,345	8,982	3,871	6,190	4,831	20,224	118,957
1980...	20,971	10,670	3,220	9,490	15,527	21,474	9,294	3,891	7,544	4,989	22,318	129,389
1981...	20,855	8,999	3,428	9,409	16,157	23,573	8,932	4,246	9,142	5,074	26,310	136,125
1982...	18,592	9,696	3,172	8,046	15,524	23,886	10,183	4,394	10,481	5,020	27,925	136,917
1983...	21,261	8,814	2,987	7,646	14,931	23,490	9,788	4,323	10,815	4,010	27,560	135,626
1984 <sup>8</sup>	20,412	9,469	3,548	8,896	14,978	23,020	10,070	4,407	10,733	4,757	29,205	139,496

<sup>1</sup> Includes bulbs, plants, and trees.<sup>2</sup> Includes expenditures for repairs and maintenance of farm buildings and other land improvements, petroleum fuel and oil, other motor vehicle operation, and repairs on other machinery.<sup>3</sup> Estimated outlay necessary, at current prices, for the replacement of capital equipment that has been used up during the year. <sup>4</sup> Includes cash wages, perquisites, and Social Security taxes paid by employers. <sup>5</sup> Includes taxes levied against farm real estate and farm personal property. <sup>6</sup> Interest charges payable during the calendar year on outstanding farm-mortgage debt. <sup>7</sup> Includes interest on nonreal estate debt, pesticides, ginning, electricity and telephones (business share), livestock marketing charges, containers, milk hauling, irrigation, grazing, binding materials, tolls for sirup, horses and mules, harness and saddlery, miscellaneous hardware (including blacksmithing), veterinary services and medicines, net insurance premiums (crop, fire, wind, and hail) machine hire and custom work, miscellaneous livestock and poultry, small hand tools, dairy supplies, nursery and greenhouse, apiary, and other miscellaneous.<sup>8</sup> Preliminary.

Economic Research Service.

Table 587.—Labor: Total hours used for farm work, by enterprise groups, United States, 1970-84

Year	All farm work <sup>1</sup>	Livestock and livestock products				Crops									
		All <sup>2</sup>	Meat ani- mals <sup>3</sup>	Milk cows	Poul- try <sup>4</sup>	All crops <sup>5</sup>	Feed grains <sup>6</sup>	Hay and for- age <sup>7</sup>	Food grains <sup>8</sup>	Vege- tables <sup>9</sup>	Fruits and nuts <sup>10</sup>	Sugar crops <sup>11</sup>	Cotton	To- bacco	Oil crops <sup>12</sup>
	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.
1970.....	5,896	2,344	997	817	373	2,788	425	339	152	359	452	74	244	308	205
1971.....	5,741	2,239	962	767	354	2,757	438	338	166	349	471	70	232	263	200
1972.....	5,433	2,108	905	720	328	2,621	376	311	166	346	435	75	239	241	202
1973.....	5,321	1,964	850	661	300	2,667	386	310	178	351	477	69	188	245	234
1974.....	5,178	1,850	812	612	274	2,657	369	298	212	357	470	66	183	261	211
1975.....	4,975	1,701	731	568	251	2,630	377	287	222	355	472	77	105	286	219
1976.....	4,788	1,613	693	530	240	2,556	376	285	226	339	448	73	111	271	197
1977.....	4,654	1,522	653	491	229	2,530	372	271	207	342	469	65	105	245	224
1978.....	4,446	1,422	606	446	222	2,449	359	263	185	337	452	64	80	239	240
1979.....	4,347	1,349	574	408	220	2,436	347	255	195	336	472	60	80	200	262
1980.....	4,281	1,285	547	382	210	2,443	338	244	215	314	496	60	81	218	248
1981.....	4,202	1,213	509	357	203	2,446	342	238	234	317	484	62	79	226	234
1982.....	4,035	1,142	475	330	193	2,372	337	231	224	327	456	58	59	208	241
1983.....	3,688	1,082	456	301	181	2,130	259	222	184	308	443	57	41	174	212
1984 <sup>13</sup> ...	3,745	1,008	432	257	176	2,253	324	219	191	342	443	57	55	174	218

<sup>1</sup> Includes labor used on crops, livestock, and overhead. Farm maintenance or overhead work includes time spent on fencing, repairs to buildings, machinery and equipment, farmwoods, pastures, general land maintenance, farm business, and other miscellaneous work. <sup>2</sup> Includes wool and minor livestock which are excluded from separate enterprises shown. <sup>3</sup> Cattle and calves, sheep and lambs, and hogs. <sup>4</sup> Chickens, broilers, and turkeys.<sup>5</sup> Includes hay seeds, pasture seeds, cover-crop seeds, and minor crops which are excluded from separate crops shown. <sup>6</sup> Corn for grain, oats, barley, and sorghum grain. <sup>7</sup> All hay, corn silage, and sorghum forage and silage. <sup>8</sup> All wheat, rye, and rice. <sup>9</sup> Potatoes, sweetpotatoes, dry edible beans, dry field peas, and truck crops. <sup>10</sup> Fruits, berries, and tree nuts. <sup>11</sup> Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple products. <sup>12</sup> Soybeans, peanuts, and flaxseed. <sup>13</sup> Preliminary.

Economic Research Service.

**Table 588.—Farm family income: Number of farm families and percentage distribution by size of total money income, United States, 1970-78 <sup>1</sup>**

Year	Number <sup>2</sup>	Less than \$1,000	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$4,999	\$5,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	\$15,000 to \$24,999	\$25,000 or more	Median income
	Thousands	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Dollars
1970.....	2,347	5.9	6.2	7.8	16.3	15.9	18.5	17.5	12.2	.....	.....	6,773
1971.....	2,593	5.0	5.1	7.9	15.8	14.9	18.1	19.1	14.2	.....	.....	7,192
1972.....	2,513	3.6	4.0	4.6	13.9	13.1	17.8	21.0	.....	.....	.....	8,849
1973.....	2,542	2.6	3.5	3.9	11.6	12.4	15.8	22.0	.....	.....	.....	10,045
1974.....	2,392	7.2	.....	4.0	9.0	11.2	15.4	20.5	.....	.....	.....	10,612
1975.....	2,200	5.5	.....	3.9	11.0	9.9	16.2	19.9	.....	.....	.....	10,845
1976.....	2,184	6.7	.....	2.9	8.6	9.8	14.1	19.5	.....	.....	.....	11,663
1977.....	2,172	8.3	.....	2.2	7.7	9.3	11.5	19.0	.....	.....	.....	12,637
1978.....	2,051	5.4	.....	2.1	5.0	7.6	10.5	18.2	.....	.....	.....	15,284

**Farm family income: Number of farm families and percentage distribution by size of total money income, United States, 1979-83 <sup>1</sup>**

Year	Number <sup>3</sup>	Less than \$2,500	\$2,500 to \$4,999	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$29,999	\$30,000 to \$39,999	\$40,000 or more	Median income
	Thousands	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Dollars
1979.....	1,666	5.0	5.6	8.0	8.5	18.7	14.4	11.0	8.4	9.8	10.6	16,357
1980.....	1,631	7.3	4.4	9.8	9.1	17.4	13.0	12.4	8.8	9.0	8.8	17,670
1981.....	1,598	9.4	4.3	6.3	7.0	17.8	12.4	13.6	8.0	10.6	10.6	18,306
1982.....	1,617	7.5	3.7	5.9	7.8	14.0	14.1	13.5	9.1	13.8	10.6	19,903
1983.....	1,558	7.8	3.9	5.7	5.8	16.3	13.5	12.0	8.9	11.9	14.2	20,681

<sup>1</sup> The term "family" refers to a group of two or more persons related by blood, marriage, or adoption and residing together; all such persons are considered as members of the same family. Thus, if the son of the head of the household and son's wife are in the household, they are treated as part of the head's family. Total money income includes net income from farm and nonfarm self-employment, wages and salaries, dividends and interest, Social Security and other pensions, and welfare.

<sup>2</sup> The term "farm resident" is the same as that used in the 1960 and 1970 censuses.

<sup>3</sup> The term "farm resident" is the same as that used in the 1980 census.

Economic Research Service. Estimates are from the annual issue of *Money Income and Poverty Status of Families and Persons in the United States*. Bureau of the Census.



**Table 589.—Fertilizers: Quantities<sup>1</sup> of commercial fertilizers consumed and their available plant-nutrient content, by States and possessions, years ending June 30, 1982-84**

State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)
	Tons	Tons	Tons	Tons		Tons	Tons	Tons	Tons
<b>Ala:</b>					<b>Ky:</b>				
1982.....	905,703	148,757	87,824	104,139	1982.....	1,112,054	202,758	138,764	171,443
1983.....	727,864	122,383	66,424	81,480	1983.....	915,131	160,762	119,524	145,230
1984.....	911,125	152,160	82,408	103,734	1984.....	1,007,715	193,361	122,951	155,765
<b>Alaska:</b>					<b>La:</b>				
1982.....	6,815	1,725	851	615	1982.....	649,563	134,762	53,812	67,306
1983.....	9,210	2,009	1,517	1,003	1983.....	561,680	116,878	48,875	63,362
1984.....	13,565	3,095	2,148	1,427	1984.....	723,517	152,253	61,480	82,664
<b>Ariz:</b>					<b>Maine:</b>				
1982.....	373,131	106,729	35,267	872	1982.....	94,204	12,205	12,361	12,713
1983.....	292,314	79,634	29,425	510	1983.....	85,909	11,353	11,208	11,654
1984.....	363,929	88,299	36,700	639	1984.....	91,591	12,586	12,526	12,280
<b>Ark:</b>					<b>Md:</b>				
1982.....	814,605	218,183	55,500	75,000	1982.....	355,603	56,920	36,463	47,741
1983.....	768,172	196,721	58,667	77,941	1983.....	337,082	52,226	33,178	43,954
1984.....	882,692	221,186	69,701	94,172	1984.....	367,723	61,451	38,410	48,804
<b>Calif:</b>					<b>Mass:</b>				
1982.....	3,467,073	567,517	164,885	61,869	1982.....	63,099	8,550	5,122	6,688
1983.....	3,180,274	476,145	147,909	54,732	1983.....	51,848	7,692	3,986	5,226
1984.....	3,916,823	626,101	186,833	88,226	1984.....	48,171	6,944	3,422	4,951
<b>Colo:</b>					<b>Mich:</b>				
1982.....	528,152	172,208	44,873	11,008	1982.....	1,349,329	258,695	178,808	244,206
1983.....	421,242	139,292	35,674	7,747	1983.....	1,148,652	205,412	144,367	225,322
1984.....	555,544	186,468	43,405	14,715	1984.....	1,513,361	291,340	176,957	295,330
<b>Conn:</b>					<b>Minn:</b>				
1982.....	47,438	6,417	3,682	4,518	1982.....	2,150,762	558,162	287,057	385,615
1983.....	45,994	6,611	3,570	4,138	1983.....	1,590,450	411,429	200,634	279,476
1984.....	45,935	6,590	3,570	4,138	1984.....	2,191,211	557,530	294,633	380,832
<b>Del:</b>					<b>Miss:</b>				
1982.....	118,274	18,320	9,834	20,484	1982.....	782,654	176,914	68,058	86,622
1983.....	96,641	14,655	7,576	16,700	1983.....	691,996	143,947	63,150	85,421
1984.....	117,515	19,031	8,895	19,196	1984.....	871,082	186,955	76,551	108,526
<b>D.C.:</b>					<b>Mo:</b>				
1982.....	8,633	1,353	435	530	1982.....	1,502,007	324,691	148,346	237,154
1983.....	8,109	1,327	566	347	1983.....	1,421,445	304,090	147,771	220,760
1984.....	8,075	1,533	482	350	1984.....	1,570,128	333,112	171,790	241,105
<b>Fla:</b>					<b>Mont:</b>				
1982.....	1,934,647	235,176	98,776	254,372	1982.....	388,535	114,656	76,081	12,148
1983.....	1,939,957	230,206	96,275	252,872	1983.....	403,506	120,579	76,374	11,472
1984.....	1,966,707	236,069	101,585	255,799	1984.....	462,993	137,362	88,044	13,676
<b>Ga:</b>					<b>Nebr:</b>				
1982.....	1,713,941	249,514	109,092	180,784	1982.....	1,757,909	679,816	161,949	54,565
1983.....	1,577,931	213,761	104,442	171,651	1983.....	1,484,550	576,113	122,812	37,779
1984.....	1,914,583	256,253	124,014	205,513	1984.....	1,849,455	682,396	154,086	46,528
<b>Hawaii:</b>					<b>Nev:</b>				
1982.....	156,439	22,086	11,010	24,134	1982.....	29,940	4,085	1,917	395
1983.....	138,343	18,698	12,651	19,557	1983.....	24,588	4,350	2,049	293
1984.....	128,348	16,026	10,318	17,042	1984.....	29,831	4,420	2,000	308
<b>Idaho:</b>					<b>N.H.:</b>				
1982.....	629,659	181,111	62,308	7,527	1982.....	23,637	3,029	2,118	3,200
1983.....	574,546	186,717	49,481	6,016	1983.....	20,486	2,757	1,962	2,389
1984.....	622,846	181,575	57,504	11,022	1984.....	21,471	2,912	2,084	2,511
<b>Ill:</b>					<b>N.J.:</b>				
1982.....	4,370,653	1,038,366	531,928	775,540	1982.....	199,583	26,756	18,077	21,728
1983.....	3,385,071	778,712	424,771	632,417	1983.....	156,758	20,408	15,080	16,853
1984.....	4,377,443	1,055,966	504,068	787,493	1984.....	207,020	27,445	18,815	21,046
<b>Ind:</b>					<b>N. Mex.:</b>				
1982.....	2,604,810	531,458	290,650	451,709	1982.....	102,878	29,510	12,202	2,658
1983.....	2,220,476	415,326	257,338	410,008	1983.....	101,015	28,216	11,816	3,768
1984.....	2,625,298	521,224	301,996	445,741	1984.....	131,174	36,757	13,136	4,769
<b>Iowa:</b>					<b>N.Y.:</b>				
1982.....	3,631,613	1,048,846	382,452	584,967	1982.....	621,732	90,651	75,876	87,667
1983.....	2,673,560	740,390	282,249	409,879	1983.....	604,992	82,149	78,360	88,358
1984.....	3,791,854	1,037,520	396,628	606,005	1984.....	650,255	91,387	85,652	99,795
<b>Kans:</b>					<b>N.C.:</b>				
1982.....	1,463,832	588,629	170,907	44,153	1982.....	1,832,102	234,666	127,432	211,842
1983.....	1,392,725	525,926	153,267	41,105	1983.....	1,516,906	206,718	114,103	192,836
1984.....	1,511,894	584,289	181,669	42,547	1984.....	1,875,134	251,835	128,485	234,422

See footnotes at end of table.

Table 589.—Fertilizers: Quantities <sup>1</sup> of commercial fertilizers consumed and their available plant-nutrient content, by States and possessions, years ending June 30, 1982-84—Continued

State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)
	Tons	Tons	Tons	Tons		Tons	Tons	Tons	Tons
N. Dak.:					1983.....	2,505,421	652,112	225,077	105,638
1982.....	615,675	248,205	112,038	19,054	1984.....	3,064,299	833,973	277,727	123,046
1983.....	535,624	208,885	100,524	17,733	Utah:				
1984.....	616,409	249,749	114,428	19,837	1982.....	117,912	33,808	15,362	758
Ohio:					1983.....	110,224	29,243	16,664	580
1982.....	2,206,523	414,519	251,885	389,268	1984.....	123,407	32,642	20,370	287
1983.....	1,622,840	309,532	196,522	296,358	Vt.:				
1984.....	1,963,105	367,762	233,702	347,600	1982.....	49,699	6,634	6,046	7,438
Okl.:					1983.....	44,472	6,197	5,047	7,065
1982.....	754,946	272,766	95,145	28,928	1984.....	48,379	6,715	5,507	7,725
1983.....	702,985	247,243	93,625	29,654	Va.:				
1984.....	796,861	284,204	99,071	33,490	1982.....	796,581	100,363	69,352	95,609
Oreg.:					1983.....	648,661	80,106	59,490	79,996
1982.....	591,894	148,467	50,577	24,138	1984.....	727,111	92,664	64,550	89,686
1983.....	561,746	142,854	45,616	22,112	Wash.:				
1984.....	522,269	130,471	47,540	25,008	1982.....	905,128	236,442	58,411	37,461
Pa.:					1983.....	872,478	231,322	55,741	34,150
1982.....	592,943	88,974	68,553	68,747	1984.....	890,014	233,511	55,880	39,034
1983.....	521,403	78,393	63,134	62,924	W. Va.:				
1984.....	495,918	73,462	56,036	55,424	1982.....	75,626	12,969	9,881	9,789
R.I.:					1983.....	71,644	9,550	10,144	10,268
1982.....	12,468	1,465	1,077	1,173	1984.....	75,507	11,795	9,729	9,668
1983.....	18,761	1,621	984	1,163	Wis.:				
1984.....	23,663	1,902	1,286	1,429	1982.....	1,526,894	257,363	158,563	357,448
S.C.:					1983.....	1,249,292	178,020	130,171	316,955
1982.....	702,963	90,101	46,266	93,879	1984.....	1,442,039	208,021	146,337	364,654
1983.....	621,903	77,913	44,090	84,752	Wyo.:				
1984.....	702,015	91,387	45,617	96,362	1982.....	137,659	40,451	17,377	1,080
S. Dak.:					1983.....	124,788	37,160	17,952	894
1982.....	434,129	151,855	58,300	15,730	1984.....	112,059	33,719	14,999	661
1983.....	341,310	105,478	52,486	13,158	P.R.:				
1984.....	399,195	126,659	59,762	15,771	1982.....	79,927	10,809	4,376	9,390
Tenn.:					1983.....	80,599	10,681	4,569	9,768
1982.....	711,448	127,824	91,941	113,930	1984.....	93,176	12,104	5,148	11,514
1983.....	669,155	117,094	88,618	115,594	Total:				
1984.....	721,055	131,817	108,597	116,213	1982.....	48,669,271	10,983,057	4,813,944	5,630,929
Tex.:					1983.....	41,812,629	9,126,996	4,137,505	4,831,038
1982.....	2,565,827	686,821	234,077	101,197	1984.....	50,182,849	11,145,988	4,929,232	5,808,480

<sup>1</sup> Includes Government distribution and secondary and micronutrient fertilizers, but not liming materials. Statistical Reporting Service.

**Table 590.—Fertilizers: Quantities of commerical fertilizers consumed and their average primary plant-nutrient content, United States, 1970-84 <sup>1</sup>**

Year ending June 30	Mixed fertilizers				All fertilizers containing primary nutrients				Other fertiliz- ers <sup>2</sup>
	Quantity	Nitrogen (N)	Available phosphor- ic oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	Quantity	Nitrogen (N)	Available phosphor- ic oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	Quantity
	<i>1,000 tons</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>1,000 tons</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>1,000 tons</i>
1970.....	20,961	9.25	17.69	12.70	38,292	19.48	11.95	10.54	1,296
1971.....	21,513	9.59	18.33	13.00	39,902	20.38	12.04	10.60	1,217
1972.....	21,511	9.91	18.58	12.93	39,896	20.11	12.19	10.85	1,310
1973.....	22,547	10.21	18.79	12.76	41,822	19.83	12.16	11.12	1,466
1974.....	24,067	10.10	17.75	12.66	44,964	20.37	11.34	11.30	2,130
1975.....	20,647	10.16	17.99	12.50	40,606	21.18	11.10	10.97	1,878
1976.....	22,958	10.53	19.29	12.52	46,893	22.20	11.15	11.11	2,296
1977.....	24,099	10.58	19.87	12.78	49,099	21.69	11.47	11.88	2,525
1978.....	22,110	10.74	19.63	12.79	45,621	21.82	11.16	12.10	1,877
1979.....	23,742	10.84	20.09	12.84	49,342	21.72	11.36	12.66	2,139
1980.....	23,270	10.79	19.61	13.06	50,491	22.59	10.76	12.37	2,296
1981.....	23,525	10.99	20.13	12.75	51,761	23.04	10.50	12.21	2,227
1982.....	20,857	11.23	20.39	12.37	46,911	23.41	10.26	12.00	1,758
1983.....	18,352	11.52	19.96	12.30	40,203	22.70	10.29	12.02	1,610
1984.....	21,185	11.62	20.59	12.15	48,227	23.11	10.22	12.04	1,956

<sup>1</sup> Includes Alaska, District of Columbia, Hawaii, and Puerto Rico. Includes fertilizers distributed by Government agencies.

<sup>2</sup> Products that do not contain primary nutrients. Includes gypsum, but not liming materials. Statistical Reporting Service.

**Table 591.—Pesticides: Inorganic materials for formulation or manufacture and shipments to agriculture, United States, 1974-83**

Item	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
<b>Used in pesticide formulation:</b>										
Talc, soapstone, and pyrophyllite.....	<i>Tons</i> 46,963	<i>Tons</i> 41,966	<i>Tons</i> 40,368	<i>Tons</i> 22,664	<i>Tons</i> 40,000	<i>Tons</i> 46,000	<i>Tons</i> 39,000	<i>Tons</i> 42,000	<i>Tons</i> 26,000	<i>Tons</i> 17,000
Fuller's earth.....	179,579	198,327	205,019	195,180	181,008	199,296	180,594	184,218	167,537	153,589
Kaolin.....	28,511	32,114	33,631	22,312	33,052	46,056	48,834	80,661	29,945	17,678
Bentonite.....	23,853	2,979	2,102	5,000	4,755	4,190	5,945	3,378	5,097	7,788
Other clays.....	( <sup>1</sup> )	1,348	15,551	15,450	15,666	732	898	10,763	( <sup>2</sup> )	( <sup>2</sup> )
<b>Used in manufacture:</b>										
Mercury.....	37	23	23	22	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
<b>Shipments to agriculture:</b>										
Copper sulfate.....	18,972	16,187	13,479	16,487	12,096	13,403	15,593	22,704	14,707	18,566
Zinc sulfate (dry basis) ..	8,677	3,579	5,326	4,489	5,705	8,264	12,397	13,807	13,341	13,113

<sup>1</sup> Data withheld to avoid disclosure.

<sup>2</sup> Not available.

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of the Interior

Table 592.—Pesticides (insecticides, fungicides, and weed killers): Production and foreign trade, United States, 1977-83

Item	1977	1978	1979	1980	1981	1982	1983
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>PRODUCTION</b>							
Calcium arsenate.....	(1)	(2)	(2)	(2)	(2)	(2)	(2)
Lead arsenate.....	(1)	(2)	(2)	(2)	(2)	(2)	(2)
Copper sulfate.....	60,200	70,286	77,178	68,711	78,563	71,048	82,673
Aldrin-toxaphene group <sup>3</sup> .....	(1)	(2)	(2)	(2)	(2)	(2)	(2)
DDT.....	(1)	(2)	(2)	(2)	(2)	(2)	(2)
Methyl bromide.....	34,684	(2)	(2)	(2)	(2)	(2)	(2)
Methyl parathion.....	39,695	(2)	(2)	(2)	(2)	(2)	(2)
Parathion.....	(1)	(2)	(2)	(2)	(2)	(2)	(2)
Ferbam.....	(1)	(2)	(2)	(2)	(2)	(2)	(2)
Nabam.....	(1)	(2)	(2)	(2)	(2)	(2)	(2)
Zineb.....	(1)	(2)	(2)	(2)	(2)	(2)	(2)
2,4-D acid.....	(1)	(2)	12,705	13,589	12,916	(2)	(2)
2,4,5-T acid.....	(1)	(2)	(2)	(2)	(2)	(2)	(2)
Other organic pesticides.....	1,313,140	1,416,484	1,416,703	1,454,613	1,417,159	1,112,798	1,016,544
<b>IMPORTS</b>							
Pyrethrum flowers.....	451	208	328	342	209	413	244
Pyrethrum extract.....	603	390	371	383	151	431	283
Rotenone-bearing roots.....	874	1,791	1,276	1,323	1,109	686	1,122
<b>EXPORTS</b>							
Fungicides <sup>4</sup> .....	54,239	79,459	76,697	90,375	79,422	88,258	81,360
2,4-D and 2,4,5-T, acid basis <sup>5</sup> .....	7,846	6,524	11,979	7,528	6,314	12,738	10,252
Other herbicides.....	203,104	227,646	251,634	251,079	213,954	209,987	217,602
DDT.....	498	30,279	(2)	(2)	(2)	(2)	(2)
Other polychlor insecticides.....	64,315	59,131	61,859	65,639	35,452	20,264	16,599
Organophosphorus insecticides.....	99,553	94,869	109,618	105,335	70,114	74,097	75,117
Other agricultural insecticides.....	121,265	130,744	119,136	88,159	87,859	83,702	77,021
Fumigants.....	14,675	19,645	18,907	17,991	14,368	13,550	15,254
Disinfectants, deodorants, and germi- cides.....	14,094	11,965	9,329	13,167	7,424	(2)	(2)
Household and industrial insecticides, repellents, and rodenticides.....	22,249	10,451	10,825	7,741	5,903	5,438	5,482

<sup>1</sup> Withheld to avoid disclosure.<sup>2</sup> Not available.<sup>3</sup> Includes the chlorinated compounds aldrin, chlordane, dieldrin, endrin, heptachlor, toxaphene, and terpene polychlorinates.<sup>4</sup> Includes copper sulfate and agricultural sulfur, which were previously listed separately.<sup>5</sup> Preparations containing 2,4-D and 2,4,5-T included in "Other herbicides."

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of Commerce, the International Trade Commission, the U.S. Department of the Interior, and trade sources.



## CHAPTER X

### TAXES, INSURANCE, CREDIT, AND COOPERATIVES

The statistics in this chapter deal with taxes, insurance, agricultural credit, and farm cooperatives. Some of the series were developed in connection with research activities of the Department, while others, such as data from agricultural credit agencies, are primarily records of operations.

**Table 593.—Taxes levied on farm real estate: Amount, amount per acre, index numbers of amount per acre, United States, 1970-84**

Year	Farm real estate			
	Amount	Taxes per acre		
		Amount	Index	
	<i>Million dollars</i>	<i>Dollars</i>	<i>1977 = 100</i>	
1970.....	2,169.1	2.27	68	
1971.....	2,294.1	2.40	72	
1972.....	2,390.5	2.50	75	
1973.....	2,450.1	2.56	77	
1974.....	2,584.9	2.70	81	
1975.....	2,634.8	2.90	87	
1976.....	2,849.2	3.15	94	
1977.....	3,016.4	3.34	100	
1978.....	3,004.7	3.34	100	
1979.....	3,215.0	3.58	107	
1980.....	3,450.9	3.85	115	
1981.....	3,695.5	4.12	123	
1982.....	3,704.2	4.14	124	
1983 <sup>1</sup> .....	3,834.8	4.32	129	
1984 <sup>2</sup> .....	3,926.9	4.40	132	

<sup>1</sup> Revised.

<sup>2</sup> Preliminary.

Economic Research Service.

**Table 594.—Taxes levied on farm real estate: Amount levied on farm real estate, amount per acre, index numbers of amount per acre, and amount per \$100 of full value, by States, 1982 and 1983 <sup>1</sup>**

State	Amount levied on farm real estate		Taxes per acre				Taxes per \$100 of full value	
	1982	1983	Amount		Index		1982	1983
			1982	1983	1982	1983		
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1977=100</i>	<i>1977=100</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	13.1	12.2	1.20	1.14	209	199	0.13	0.13
Alaska.....	.4	.4	3.87	4.49	74	86	.49	.49
Ariz.....	21.5	24.4	2.09	2.37	90	101	.30	.37
Ark.....	32.7	33.6	2.31	2.37	128	132	.21	.24
Calif.....	195.1	198.2	7.23	7.39	59	60	.36	.37
Colo.....	45.6	53.0	1.50	1.77	119	140	.35	.42
Conn.....	8.5	9.1	21.52	22.53	119	125	.82	.84
Del.....	1.2	1.2	2.10	2.10	113	113	.13	.13
Fla.....	80.1	82.9	6.54	6.83	127	132	.46	.47
Ga.....	55.1	57.1	3.84	4.07	130	137	.46	.50
Hawaii.....	8.7	8.6	4.13	4.13	171	171	.35	.35
Idaho.....	32.2	36.2	2.79	3.14	98	110	.32	.39
Ill.....	394.0	389.0	13.73	13.55	125	124	.71	.78
Ind.....	134.6	141.1	8.05	8.53	156	165	.47	.57
Iowa.....	284.0	290.9	8.63	8.84	108	110	.48	.56
Kans.....	136.0	150.0	2.87	3.16	109	120	.49	.58
Ky.....	29.5	30.0	2.13	2.16	104	105	.21	.22
La.....	19.1	19.6	2.13	2.21	159	165	.14	.15
Maine.....	10.3	10.4	6.89	7.08	153	157	1.08	1.09
Md.....	19.5	20.6	7.49	8.02	114	123	.31	.37
Mass.....	10.9	10.8	20.64	21.06	104	107	1.21	1.21
Mich.....	223.3	231.1	22.24	23.03	198	205	1.87	2.08
Minn.....	163.0	176.9	5.84	6.34	157	170	.49	.60
Miss.....	22.0	22.2	1.67	1.71	127	130	.17	.19
Mo.....	88.2	78.0	2.99	2.64	111	98	.34	.35
Mont.....	57.2	57.5	1.14	1.15	129	130	.43	.46
Nebr.....	256.5	266.9	5.77	6.01	178	185	.91	1.05
Nev.....	2.8	3.1	.47	.52	60	66	.12	.15
N.H.....	5.6	5.9	10.91	11.48	149	157	1.00	1.04
N.J.....	22.0	22.6	23.48	24.64	130	137	.75	.81
N. Mex.....	6.5	6.5	.20	.20	79	79	.09	.09
N.Y.....	140.5	148.6	16.21	17.15	150	159	2.06	2.23
N.C.....	44.8	47.2	4.29	4.57	151	161	.33	.35
N. Dak.....	86.3	88.1	2.15	2.19	123	126	.48	.51
Ohio.....	126.4	127.9	8.35	8.51	114	116	.57	.66
Okla.....	52.4	53.8	1.69	1.73	126	129	.24	.26
Oreg.....	58.8	60.4	3.58	3.67	118	121	.54	.59
Pa.....	78.0	83.6	10.49	11.37	132	144	.79	.89
R.I.....	2.2	2.4	35.67	39.59	148	164	1.27	1.38
S.C.....	13.0	13.1	2.37	2.46	129	134	.26	.28
S. Dak.....	97.1	104.5	2.54	2.73	131	141	.78	.90
Tenn.....	43.4	45.5	3.49	3.66	142	148	.36	.40
Tex.....	208.1	221.7	1.61	1.72	120	128	.28	.29
Utah.....	14.1	14.8	1.92	2.04	122	129	.25	.27
Vt.....	13.3	15.1	8.53	9.70	136	154	1.09	1.22
Va.....	39.1	40.7	4.31	4.48	143	149	.41	.43
Wash.....	50.6	52.5	3.74	3.91	101	105	.37	.39
W. Va.....	3.2	3.1	.91	.92	125	127	.11	.11
Wis.....	236.6	254.0	14.04	15.32	162	177	1.31	1.50
Wyo.....	17.0	18.1	.68	.72	131	139	.33	.37
U.S.....	3,704.2	3,834.8	4.14	4.32	124	129	.49	.54

<sup>1</sup> Totals may not add due to rounding.  
Economic Research Service.

Table 595.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1948-84

Crop	Year	Drought heat (excess)	Hail	Precip. (excess poor drain- age)	Frost freeze, (other cold dam- age)	Flood	Wind hot wind	Insects	Dis- ease	All others
		Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Almonds.....	1981-84		3.9	78.0	16.2	0.5	1.3			0.1
Apple.....	1963-84	0.4	20.6		71.4		2.9			4.6
Barley.....	1956-84	58.6	15.1	11.5	4.3	1.2	4.8	1.5	0.6	2.3
Bean, dry edible.....	1948-84	7.3	23.2	26.9	16.6	.6	2.6	.5	15.9	6.5
Cherry, red tart.....	1963-84		7.7		88.9		3.2			.2
Citrus.....	1951-84	.1	.7	.1	96.8		1.8			1.4
Corn.....	1948-84	64.2	7.9	12.5	3.7	2.5	3.8	1.4	1.3	2.8
Cotton.....	1948-84	33.6	21.4	20.7	12.0	.8	3.8	3.1	.5	4.1
Cranberries.....	1984-84			16.0	39.5			33.4		11.1
Citrus Trees.....	1983-84				100.0					
Flax.....	1948-84	41.7	8.6	23.8	6.3	.9	7.5	1.4	3.2	6.5
Forage production.....	1979-84	51.4	.1	.2	41.7			2.4	3.0	1.2
Forage seeding.....	1978-84	70.7	.5	7.7	8.6		.2	5.8		6.6
Fresh Tomato.....	1984-84			18.2	79.6		2.2			
Grain sorghum.....	1959-84			9.9	9.4	.9	4.3	8.8	.5	4.8
Grape.....	1967-84	13.4	6.4	32.7	40.6	1.6	2.2	.1		3.0
Hybrid Seed.....	1983-84	97.8	.5	1.1				.1		.5
Oat.....	1956-84	51.2	17.6	16.4	5.8	.3	4.2	1.1	1.0	2.3
Pea, dry and green.....	1962-84	32.6	8.7	21.8	20.8	.1	13.7	.1	.7	1.5
Peach.....	1957-84		19.9		76.4		.2			3.5
Peanut.....	1962-84	72.1		14.7	2.7	.2	.5	.1	5.6	4.0
Peppers.....	1984-84	.4		10.8	86.6					2.2
Popcorn.....	1984-84	5.0	49.9	21.3	15.2	1.7	6.4			.4
Potato.....	1962-84	16.6	3.0	51.8	17.8	.9	.8	.1	7.9	1.1
Prevented Planting.....	1982-84			96.6		3.4				
Raisin.....	1961-84		94.8							5.2
Rice.....	1958-84	12.3	.4	28.7	5.0	5.5	10.0	.5	20.2	17.4
Rye.....	1980-84	47.7	16.7	21.8	7.3	5.0		.4		1.1
Safflower.....	1964-84	52.9	41.3	2.3		2.7			.9	
Soybean.....	1955-84	68.9	4.4	20.4	1.2	2.0	.2	.2	.8	2.0
Sugarbeet.....	1965-84	19.2	6.5	27.7	16.3	12.9	6.2	3.9	4.2	3.1
Sugarcane.....	1967-84	6.4	.1	12.6	68.0	.3	6.3	4.7	1.0	.4
Sunflower.....	1976-84	43.5	16.7	11.9	8.1	.1	2.0	7.9	2.6	7.2
Sweet corn.....	1978-84	37.2	5.6	36.9	10.9		6.7		1.6	1.1
Table Grapes.....	1984-84	50.5		30.1	6.0		11.8			1.6
Tobacco.....	1948-84	40.7	12.5	26.2	1.2	1.0	4.9	.2	7.7	5.7
Tomato.....	1963-84	26.1	1.1	48.7	18.5		1.9	.3	2.1	1.3
Tung nut.....	1965-84				100.0					
Walnuts.....	1984-84	79.7			17.2		2.7			.4
Wheat.....	1948-84	52.4	16.0	9.2	9.5	1.3	4.7	1.3	3.4	2.3
All crops.....	1948-84	51.9	10.2	17.6	8.9	1.5	3.1	1.2	2.5	3.1

Table 596.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1981-84 <sup>1</sup>

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units <sup>2</sup>	Area insured <sup>3</sup>	Maximum insured production		Number	Area indemnified <sup>3</sup>	Amount
	Number	Number	1,000 acres	1,000 dollars	1,000 dollars		1,000 acres	1,000 dollars
<b>Almonds:</b>								
1981.....	4	173	11	8,717	611	2	( <sup>5</sup> )	9
1982.....	18	315	28	24,092	1,740	122	8	1,312
1983.....	18	379	31	27,356	2,022	297	19	6,846
1984.....	18	905	56	47,019	3,480	3	( <sup>5</sup> )	20
<b>Apple:</b>								
1981.....	10	470	7	9,195	823	175	3	1,290
1982.....	10	382	6	7,907	728	158	2	1,208
1983.....	10	371	5	6,249	575	94	2	917
1984.....	24	503	9	11,062	992	133	2	1,345
<b>Barley:</b>								
1981.....	272	22,709	1,647	95,733	8,315	3,377	257	6,824
1982.....	2,548	22,098	1,488	96,096	7,999	2,126	158	5,006
1983.....	2,459	25,354	1,561	100,816	8,519	3,628	245	6,986
1984.....	2,620	29,945	2,054	134,635	10,825	8,883	711	23,037
<b>Bean, dry edible:</b>								
1981.....	60	5,827	277	51,631	4,172	957	54	4,239
1982.....	78	5,515	270	58,198	4,824	1,918	115	14,429
1983.....	78	3,346	133	19,057	1,580	642	29	2,040
1984.....	131	3,760	189	33,863	2,638	485	30	2,249
<b>Citrus:</b>								
1981.....	27	3,068	81	40,378	3,386	1,304	43	7,552
1982.....	30	3,148	76	39,804	3,644	75	2	287
1983.....	30	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1984.....	35	3,036	70	37,876	3,466	186	4	2,080
<b>Citrus tree:</b>								
1983.....	3	76	9	18,631	757	n.a.	n.a.	n.a.
1984.....	3	664	7	14,514	553	650	7	12,416
<b>Combined crop: <sup>4</sup></b>								
1981.....	7	2,433	330	19,367	796	85	8	136
1982.....	5	1,960	229	15,998	657	64	7	155
1983.....	5	1,682	156	10,589	406	151	12	251
1984.....	5	1,431	156	11,035	399	13	2	37
<b>Corn:</b>								
1981.....	1,338	209,738	9,980	1,492,523	90,196	20,657	891	52,476
1982.....	2,832	161,116	7,561	1,256,796	71,785	12,853	585	37,803
1983.....	2,832	114,734	4,133	701,851	41,096	45,455	1,548	108,096
1984.....	2,850	201,278	9,346	1,777,045	98,832	27,866	1,149	69,471
<b>Cotton:</b>								
1981.....	360	13,335	1,221	272,894	21,955	3,538	339	24,176
1982.....	619	15,150	1,146	273,391	23,553	6,343	514	44,619
1983.....	619	16,910	982	235,432	21,376	7,223	415	36,384
1984.....	690	24,229	2,111	332,882	35,635	5,152	321	32,123
<b>Cranberries:</b>								
1984.....	11	22	( <sup>5</sup> )	1,597	121	( <sup>5</sup> )	( <sup>5</sup> )	64
<b>Flax:</b>								
1981.....	86	2,489	95	3,541	485	565	24	435
1982.....	87	2,551	107	4,186	579	683	32	706
1983.....	87	2,118	72	2,709	367	537	18	321
1984.....	98	1,982	71	2,817	365	433	16	277
<b>Forage production:</b>								
1981.....	3	70	3	224	13	39	1	43
1982.....	8	113	4	541	32	31	1	72
1983.....	8	38	1	134	8	16	( <sup>5</sup> )	20
1984.....	20	38	1	140	9	1	( <sup>5</sup> )	4
<b>Forage seeding:</b>								
1981.....	3	175	4	130	12	82	3	56
1982.....	8	169	3	274	10	54	1	27
1983.....	8	107	2	80	6	14	( <sup>5</sup> )	5
1984.....	8	99	2	78	6	16	( <sup>5</sup> )	6
<b>Fresh Tomato:</b>								
1984.....	4	116	6	13,622	869	70	4	5,286
<b>Grain sorghum:</b>								
1981.....	441	39,618	1,784	150,933	12,825	6,144	334	11,955
1982.....	2,411	24,927	1,356	122,123	10,290	4,500	292	11,916
1983.....	2,410	19,616	784	70,176	6,192	7,624	317	12,052
1984.....	2,471	34,378	1,763	160,531	14,249	11,991	681	28,971
<b>Grape:</b>								
1981.....	20	838	25	18,334	1,130	214	6	957
1982.....	27	1,209	38	40,189	2,399	237	7	5,583
1983.....	30	1,965	69	84,689	5,090	478	21	11,043
1984.....	47	1,436	58	44,071	2,893	199	11	2,457
<b>Hybrid seed:</b>								
1983.....	68	296	13	4,851	244	262	11	3,355
1984.....	68	1,039	58	22,017	1,185	239	13	1,905

See footnotes at end of table.



**Table 596.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1981-84 <sup>1</sup>—Continued**

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units <sup>2</sup>	Area insured <sup>3</sup>	Maximum insured production		Number	Area indemnified <sup>3</sup>	Amount
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>1,000 dollars</i>
<b>Oat:</b>								
1981 .....	432	21,256	734	29,095	3,018	5,459	219	4,305
1982 .....	554	15,550	498	22,028	2,092	1,781	60	1,239
1983 .....	958	10,575	295	13,011	1,336	1,612	47	1,005
1984 .....	2,532	9,637	278	12,510	1,245	1,303	54	1,284
<b>Pea, dry and green:</b>								
1981 .....	82	1,629	76	7,922	612	216	9	416
1982 .....	92	1,552	83	9,513	696	225	14	480
1983 .....	89	1,433	72	7,519	613	300	13	574
1984 .....	100	1,188	56	6,487	539	196	8	528
<b>Peach:</b>								
1981 .....	17	214	6	3,370	272	27	1	97
1982 .....	21	211	7	4,425	394	167	6	1,395
1983 .....	25	270	13	7,731	691	166	9	2,048
1984 .....	25	413	23	12,641	1,184	54	2	686
<b>Peanut:</b>								
1981 .....	140	25,584	595	269,962	14,356	2,663	67	8,952
1982 .....	175	20,742	443	215,078	11,336	2,813	68	9,154
1983 .....	208	18,046	441	218,977	13,091	8,185	207	38,735
1984 .....	246	20,332	594	280,295	16,804	2,456	121	10,476
<b>Pepper:</b>								
1984 .....	4	52	2	3,785	394	15	1	544
<b>Popcorn:</b>								
1984 .....	55	329	21	4,828	317	88	7	919
<b>Potato:</b>								
1981 .....	4	125	11	3,605	212	17	2	291
1982 .....	4	88	9	3,274	182	24	1	236
1983 .....	49	315	36	12,512	667	124	10	1,803
1984 .....	98	947	75	45,522	2,415	361	24	5,342
<b>Prevented planting:</b>								
1982 .....	10	462	47	3,571	110	133	13	580
1983 .....	10	101	6	416	13	4	2	17
1984 .....	10	32	2	151	5	2	( <sup>5</sup> )	2
<b>Raisin:</b>								
1981 .....	7	2,082	<sup>7</sup> 93	46,060	2,739	1	( <sup>5</sup> )	14
1982 .....	7	2,384	<sup>7</sup> 149	84,305	5,388	915	<sup>7</sup> 75	33,854
1983 .....	7	5,399	<sup>7</sup> 301	230,045	22,740	1,004	87	25,943
1984 .....	7	4,725	289	138,295	11,133	22	1	141
<b>Rice:</b>								
1981 .....	80	3,208	283	82,265	2,253	558	49	4,236
1982 .....	146	3,392	260	88,589	2,381	868	73	7,906
1983 .....	146	2,667	162	54,558	1,678	965	62	6,848
1984 .....	165	1,131	135	34,762	1,125	116	16	1,225
<b>Rye:</b>								
1981 .....	3	6	( <sup>5</sup> )	9	1	0	0	0
1982 .....	36	91	5	254	32	11	1	16
1983 .....	36	129	6	228	27	10	( <sup>5</sup> )	10
1984 .....	36	155	7	310	34	20	1	13
<b>Soybean:</b>								
1981 .....	1,092	200,222	9,564	1,246,382	96,493	48,400	3,338	174,268
1982 .....	1,344	189,905	10,263	1,348,676	110,509	52,705	3,748	223,454
1983 .....	1,609	141,811	6,902	816,374	73,202	59,010	3,374	178,141
1984 .....	1,726	172,946	9,530	1,212,014	98,899	51,899	3,045	138,172
<b>Sugarbeet:</b>								
1981 .....	105	2,849	185	60,568	3,058	225	17	1,648
1982 .....	115	1,602	108	34,251	1,709	107	7	706
1983 .....	105	1,421	90	29,553	1,490	129	8	1,083
1984 .....	123	1,399	92	31,539	1,599	109	6	512
<b>Sugarcane:</b>								
1981 .....	20	353	44	15,291	615	35	5	760
1982 .....	23	494	54	26,413	1,242	79	9	1,015
1983 .....	23	363	49	28,060	1,348	140	22	6,592
1984 .....	23	131	13	5,882	237	26	2	84
<b>Sunflower:</b>								
1981 .....	85	14,608	1,034	78,183	6,552	1,845	139	4,747
1982 .....	108	15,175	1,128	83,454	6,921	3,621	272	9,829
1983 .....	108	11,065	641	43,634	3,585	2,088	128	3,822
1984 .....	138	14,201	873	59,401	4,800	3,435	215	6,514
<b>Sweet Corn:</b>								
1981 .....	25	234	7	634	44	24	1	48
1982 .....	53	344	12	1,315	91	30	1	47
1983 .....	53	337	12	1,452	102	66	2	140
1984 .....	90	392	15	2,232	152	31	1	61

See footnotes at end of table.

Table 596.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1981-84 <sup>1</sup>—Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units <sup>2</sup>	Area insured <sup>3</sup>	Maximum insured production		Number	Area indemnified <sup>4</sup>	Amount
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>1,000 dollars</i>
Table Grape:								
1984 .....	10	160	7	13,121	981	87	4	3,280
Tobacco:								
1981 .....	308	104,529	456	969,435	26,452	9,029	29	23,617
1982 .....	335	94,943	406	980,776	26,403	8,084	30	26,305
1983 .....	403	91,428	327	827,945	24,958	23,792	74	70,847
1984 .....	489	93,065	347	828,900	24,493	3,542	14	11,129
Tomato:								
1981 .....	18	103	7	5,266	291	22	1	116
1982 .....	21	259	17	13,988	757	97	7	1,957
1983 .....	21	502	34	32,485	1,846	114	9	2,528
1984 .....	29	767	53	50,969	3,030	100	7	2,147
Walnut:								
1984 .....	22	78	4	2,438	142	6	( <sup>5</sup> )	25
Wheat:								
1981 .....	945	190,452	16,368	1,000,173	75,176	32,830	2,986	72,983
1982 .....	2,823	215,215	16,910	1,268,939	98,010	34,138	2,495	86,394
1983 .....	2,830	168,430	10,467	781,028	58,014	22,890	1,575	49,485
1984 .....	2,848	171,260	11,995	926,797	67,970	38,609	2,986	104,961
Total, all commodities:								
1981 .....	5,994	868,397	44,928	5,981,820	376,863	138,490	8,826	406,646
1982 .....	14,548	801,062	42,711	6,128,444	396,498	134,962	8,604	527,690
1983 .....	15,415	641,977	27,795	4,388,148	293,639	187,020	8,266	577,937
1984 .....	17,879	798,201	40,368	6,317,683	414,015	158,797	9,466	469,793

<sup>1</sup> Data for 1984 are preliminary.<sup>2</sup> Number of farms on which the insured crop was planted including duplication where both the landlord and tenant are insured. Insured farms on which no insured crop was planted are not included.<sup>3</sup> The insured's share of the planted area on the farm.<sup>4</sup> Includes a combination of commodities varying by counties.<sup>5</sup> Less than 500 acres.<sup>6</sup> Less than 500 dollars.<sup>7</sup> Thousands of tons insured for raisins (not included in total of all commodities).

n.a. not available.

Federal Crop Insurance Corporation.

**Table 597.—Farm real estate debt: Amount outstanding by farming regions, Dec. 31, 1969-84<sup>1</sup>**

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969.....	1,426,304	2,845,050	6,677,534	3,216,629	2,006,238	1,810,654
1970.....	1,510,059	2,957,778	6,862,910	3,330,858	2,102,622	1,912,536
1971.....	1,627,427	3,170,832	7,276,833	3,499,989	2,247,611	2,082,594
1972.....	1,800,412	3,477,859	7,834,543	3,784,693	2,450,339	2,353,553
1973.....	2,093,509	3,866,904	8,763,859	4,141,753	2,826,299	2,852,627
1974.....	2,396,590	4,296,736	9,871,137	4,629,351	3,278,631	3,353,514
1975.....	2,613,737	4,756,373	11,072,973	5,211,693	3,719,058	3,794,626
1976.....	2,775,140	5,371,610	12,707,388	6,018,927	4,072,828	4,051,346
1977.....	3,057,685	6,296,226	15,091,060	7,057,813	4,574,042	4,550,580
1978.....	3,234,940	7,212,928	17,506,415	7,838,523	5,095,041	5,058,464
1979.....	3,053,863	8,798,547	21,080,368	9,379,287	6,179,985	5,926,360
1980.....	4,452,496	10,025,363	23,613,676	10,702,044	6,865,643	6,626,301
1981.....	4,780,260	11,307,245	26,042,725	11,874,174	7,502,989	7,404,541
1982.....	4,930,421	11,874,067	26,853,287	12,477,335	7,755,025	7,633,723
1983.....	5,007,968	12,324,262	27,198,981	12,698,536	7,845,162	7,737,726
1984 <sup>2</sup> .....	4,892,294	12,245,228	26,751,866	12,594,471	7,813,899	7,643,715

  

Year	Delta States	Southern Plains	Mountain	Pacific	United States <sup>3</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969.....	1,798,655	3,042,914	2,895,357	3,443,265	29,182,766
1970.....	1,871,531	3,131,092	3,018,002	3,623,050	30,346,083
1971.....	1,974,648	3,249,009	3,199,248	3,831,771	32,191,666
1972.....	2,163,881	3,579,909	3,489,535	4,107,477	35,094,754
1973.....	2,401,267	4,024,878	3,847,123	4,643,085	39,527,870
1974.....	2,651,293	4,517,728	4,326,910	5,383,396	44,705,286
1975.....	2,842,515	4,921,579	4,865,196	5,884,749	44,682,499
1976.....	3,090,003	5,238,945	5,428,502	6,513,142	55,268,381
1977.....	3,489,099	5,736,996	6,186,268	7,417,842	63,457,611
1978.....	3,890,578	6,337,177	6,885,248	8,450,588	71,609,902
1979.....	4,700,808	7,278,504	8,172,400	10,078,204	85,598,826
1980.....	5,225,446	7,878,661	9,062,675	11,311,767	95,764,072
1981.....	5,818,034	8,440,268	9,841,451	12,788,826	105,800,513
1982.....	6,099,985	8,793,806	10,113,814	13,494,854	110,026,317
1983.....	6,162,671	9,171,952	10,340,358	14,133,948	112,621,564
1984 <sup>2</sup> .....	6,083,838	9,297,928	10,198,139	14,115,656	111,637,034

<sup>1</sup> States included in regions are as follows: Northeast—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, and Maryland; Lake States—Michigan, Wisconsin, and Minnesota; Corn Belt—Ohio, Indiana, Illinois, Iowa, and Missouri; Northern Plains—North Dakota, South Dakota, Nebraska, and Kansas; Appalachian—Virginia, West Virginia, North Carolina, Kentucky, and Tennessee; Southeast—South Carolina, Georgia, Florida, and Alabama; Delta States—Mississippi, Arkansas, and Louisiana; Southern Plains—Oklahoma and Texas; Mountain—Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; Pacific—Washington, Oregon, and California. <sup>2</sup>Preliminary. <sup>3</sup>Includes Alaska and Hawaii.

Economic Research Service.

**Table 598.—Farm real estate debt: Amount outstanding by lender, United States, Dec. 31, 1969-84**

Year	Federal land banks <sup>1</sup>	Farmers Home Administration <sup>2</sup>	Life insurance companies <sup>3</sup>	All operating banks <sup>4</sup>	Individuals and others <sup>5</sup>	Total farm mortgage debt
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969.....	6,671,222	2,279,620	5,733,900	3,545,024	10,953,000	29,182,766
1970.....	7,145,363	2,440,043	5,610,300	3,772,377	11,378,000	30,346,083
1971.....	7,879,753	2,618,131	5,564,300	4,218,482	11,911,000	32,191,666
1972.....	9,050,067	2,835,202	5,643,300	4,792,185	12,774,000	35,094,754
1973.....	10,901,352	3,013,440	5,964,800	5,458,278	14,190,000	44,705,286
1974.....	13,469,950	3,214,657	6,297,400	5,966,282	15,757,000	49,682,502
1975.....	16,029,465	3,368,747	6,726,000	6,296,286	17,262,000	55,268,381
1976.....	18,565,304	3,657,467	7,400,200	6,781,410	18,864,000	63,457,611
1977.....	21,540,893	3,982,054	8,819,400	7,780,261	21,335,000	71,609,902
1978.....	24,816,123	4,121,038	10,478,200	8,556,539	23,638,000	85,598,826
1979.....	29,819,632	7,110,613	12,165,300	8,623,281	27,880,000	95,764,072
1980.....	36,196,104	7,714,928	12,927,800	8,745,242	30,180,000	105,800,513
1981.....	43,825,201	8,744,181	13,073,900	8,387,232	31,770,000	110,026,317
1982.....	42,699,373	9,084,694	12,801,546	8,440,700	32,000,000	112,621,564
1983.....	48,811,040	9,452,124	12,717,600	9,320,800	32,320,000	111,637,034
1984 <sup>6</sup> .....	49,102,581	10,013,411	12,443,999	10,177,047	29,900,000	

See footnote on page 427.

Table 599.—Farm real estate debt: Amount outstanding, by States, Dec. 31, 1970, 1980, 1981, 1982, 1983, and 1984

State	1970	1980	1981	1982	1983	1984 <sup>1</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.....	416,096	1,231,734	1,373,887	1,394,179	1,402,375	1,362,247
Alaska.....	2,619	27,503	18,868	27,418	28,769	28,255
Ariz.....	301,797	655,388	700,454	716,178	752,064	736,109
Ark.....	742,190	1,925,342	2,061,088	2,143,749	2,168,583	2,160,238
Calif.....	2,451,890	7,240,538	8,195,474	8,686,131	9,231,502	9,260,340
Colo.....	681,033	2,212,429	2,470,830	2,546,642	2,542,873	2,512,036
Conn.....	41,255	115,518	126,283	130,571	134,289	135,555
Del.....	42,056	141,740	151,819	161,443	165,815	165,706
Fla.....	646,449	2,334,060	2,671,750	2,809,526	2,853,302	2,842,628
Ga.....	626,719	2,244,916	2,432,716	2,459,258	2,495,685	2,452,291
Hawaii.....	23,026	126,501	147,159	160,740	189,814	200,489
Idaho.....	617,940	1,770,035	1,925,305	1,978,517	2,007,782	1,986,682
Ill.....	1,539,261	5,601,745	6,220,809	6,370,111	6,431,669	6,373,748
Ind.....	1,116,684	4,171,317	4,603,251	4,696,880	4,721,455	4,609,990
Iowa.....	2,252,722	7,587,548	8,391,775	8,799,981	8,963,577	8,765,068
Kans.....	1,061,298	3,243,830	3,650,846	3,817,297	3,836,912	3,805,438
Ky.....	623,596	2,106,854	2,276,706	2,310,614	2,352,495	2,334,025
La.....	478,570	1,552,856	1,781,679	1,886,434	1,892,419	1,840,138
Maine.....	63,336	159,041	175,592	174,748	175,707	170,172
Md. <sup>2</sup> .....	239,958	649,146	695,860	724,217	739,247	726,297
Mass.....	41,204	99,584	110,641	115,459	119,125	132,843
Mich.....	696,239	2,064,340	2,314,668	2,416,049	2,509,250	2,508,517
Minn.....	1,362,769	4,771,416	5,392,715	5,669,541	5,866,112	5,804,423
Miss.....	650,771	1,747,248	1,975,267	2,069,802	2,101,669	2,083,462
Mo.....	1,070,740	3,488,945	3,788,346	3,883,081	3,959,230	3,931,920
Mont.....	659,936	2,239,255	2,386,689	2,457,562	2,571,164	2,528,730
Nebr.....	1,135,408	3,606,493	4,021,290	4,245,418	4,324,917	4,285,891
Nev.....	85,437	280,677	297,900	305,133	316,040	315,085
N.H.....	19,072	58,587	61,799	63,767	61,893	68,089
N.J.....	120,464	323,999	326,230	335,738	335,899	331,476
N. Mex.....	287,395	714,995	771,775	803,951	804,852	789,283
N.Y.....	430,084	1,199,718	1,292,533	1,339,057	1,354,706	1,264,405
N.C.....	471,430	1,829,191	2,094,667	2,233,198	2,239,735	2,237,945
N. Dak.....	544,727	2,026,678	2,185,487	2,330,686	2,410,270	2,408,967
Ohio.....	883,503	2,764,121	3,038,544	3,103,234	3,123,050	3,071,140
Okla.....	804,217	2,386,314	2,644,976	2,743,190	2,811,758	2,805,123
Oreg.....	552,347	1,979,704	2,211,380	2,292,444	2,316,667	2,261,875
Pa.....	427,025	1,493,300	1,615,028	1,650,024	1,681,626	1,665,924
R.I.....	3,661	12,293	13,081	16,467	15,941	16,127
S.C.....	223,272	815,591	926,188	970,760	986,364	986,549
S. Dak.....	589,425	1,825,043	2,016,551	2,083,934	2,126,437	2,094,175
Tenn.....	569,058	1,549,602	1,657,154	1,700,129	1,698,106	1,682,520
Tex.....	2,326,875	5,492,347	5,795,292	6,050,616	6,360,194	6,492,805
Utah.....	143,338	549,867	609,607	630,416	661,537	661,678
Vt.....	81,944	199,570	211,394	218,930	223,720	217,700
Va.....	363,832	1,142,386	1,226,133	1,255,983	1,297,701	1,305,191
Wash.....	618,813	1,937,521	2,215,945	2,328,121	2,367,196	2,364,691
W. Va.....	74,706	237,610	248,329	255,101	257,125	254,218
Wis.....	898,770	3,189,607	3,599,862	3,788,477	3,948,900	3,932,288
Wyo.....	241,126	640,029	678,891	675,415	684,046	668,536
U.S.....	30,346,083	95,764,071	105,800,514	110,026,320	112,621,564	111,637,035

<sup>1</sup> Preliminary.<sup>2</sup> Includes District of Columbia.

Economic Research Service.

## FOOTNOTES FOR TABLE 598

<sup>1</sup> Includes regular mortgages, purchase-money mortgages, and sales contracts.<sup>2</sup> Includes farm ownership loans, recreation loans to individuals, soil and water loans to individuals, rural housing loans on farms, and association loans for irrigation and drainage, for grazing, and for Indian tribe land acquisition.<sup>3</sup> Compiled by American Council of Life Insurance.<sup>4</sup> Includes all operating commercial, savings, and private banks.<sup>5</sup> Estimated by ERS.<sup>6</sup> Preliminary.

Economic Research Service.



Table 600.—Farm real estate debt: Amount outstanding by lender, by States, Dec. 31, 1983 and 1984

State	Federal land banks <sup>1</sup>		Life insurance companies <sup>2</sup>		Farmers Home Administration <sup>4</sup>		All banks		Individuals and others <sup>5</sup>	
	1983	1984	1983	1984 <sup>3</sup>	1983	1984	1983	1984	1983	1984 <sup>3</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	759,185	733,600	111,700	109,297	143,884	151,123	163,500	160,901	224,106	207,326
Alaska.....	11,674	11,967	4,600	4,501	2,235	2,254	1,600	1,522	8,660	8,011
Ariz.....	158,209	165,659	238,700	233,565	83,132	80,219	13,700	17,686	258,323	238,980
Ark.....	842,401	834,346	388,200	379,888	307,100	325,139	251,300	269,744	379,582	351,161
Calif.....	3,851,906	4,038,276	1,991,300	1,948,460	210,837	228,906	625,200	686,699	2,554,259	2,363,005
Colo.....	1,265,582	1,264,725	376,000	367,911	130,367	134,588	59,800	86,934	711,124	657,878
Conn.....	70,509	67,934	2,100	2,055	22,126	24,126	7,800	10,063	31,754	29,377
Del.....	82,861	84,985	1,300	1,272	19,748	20,376	18,600	19,010	43,306	40,063
Fla.....	1,393,176	1,383,431	514,200	503,138	133,462	134,921	177,100	233,348	635,364	587,790
Ga.....	1,435,773	1,425,731	216,700	212,038	220,155	236,276	303,700	282,801	319,357	295,445
Hawaii.....	110,638	115,847	14,800	14,482	18,089	26,886	27,700	26,079	18,587	17,135
Idaho.....	798,843	818,826	264,700	259,005	300,184	301,159	11,300	22,315	632,755	585,377
Ill.....	3,043,445	3,014,344	750,600	763,807	333,629	363,915	588,200	672,113	1,685,795	1,559,569
Ind.....	1,837,011	1,814,735	498,700	487,971	330,020	347,783	544,200	561,155	1,511,524	1,398,346
Iowa.....	3,296,344	3,260,836	985,800	964,592	440,187	483,311	410,300	512,230	3,830,946	3,544,099
Kans.....	2,100,457	2,099,035	387,100	378,772	291,944	305,641	246,000	271,835	811,411	750,655
Ky.....	883,962	873,244	174,700	170,942	299,716	327,412	433,500	443,787	560,617	518,640
La.....	1,072,449	1,036,307	235,100	230,042	159,632	173,987	237,800	226,399	187,438	173,403
Maine.....	50,043	48,763	1,300	1,272	85,999	85,260	5,800	4,750	32,565	30,127
Md. <sup>6</sup> .....	345,489	354,345	21,700	21,233	64,681	64,911	68,100	64,447	239,277	221,361
Mass.....	44,888	59,095	500	489	31,168	32,387	8,400	9,262	34,169	31,610
Mich.....	1,235,225	1,249,194	82,200	80,432	234,565	249,977	197,500	226,042	759,760	702,872
Minn.....	2,667,803	2,697,973	435,900	426,522	362,660	391,319	327,700	371,707	2,072,049	1,916,902
Miss.....	973,460	940,654	320,800	313,898	251,760	271,720	249,300	273,779	306,349	283,411
Mo.....	1,269,339	1,257,201	459,400	449,517	431,166	461,050	616,100	669,522	1,183,225	1,094,630
Mont.....	890,954	913,241	404,600	395,896	185,505	195,820	25,500	38,882	1,064,605	984,891
Nebr.....	1,828,928	1,809,227	690,200	675,351	413,220	431,880	177,500	245,340	1,215,069	1,124,090
Nev.....	97,174	101,749	92,300	90,314	23,407	24,384	1,000	4,128	102,159	94,510
N.H.....	22,232	29,273	5,600	5,480	11,461	12,062	5,400	5,362	17,200	15,912
N.J.....	147,204	143,032	2,800	2,740	35,088	36,544	9,700	18,708	141,107	130,542
N. Mex.....	313,329	313,117	116,600	114,092	76,288	79,475	27,600	31,859	271,035	250,740
N.Y.....	536,699	496,758	27,700	27,104	206,902	212,598	113,400	93,133	470,005	434,812
N.C.....	1,376,696	1,367,066	112,700	110,275	301,098	313,299	122,200	144,752	327,041	302,553
N. Dak.....	1,342,448	1,357,629	61,900	60,568	327,233	353,495	98,300	100,343	580,389	536,932
Ohio.....	1,371,015	1,354,391	293,700	287,381	176,391	203,198	458,600	464,475	823,344	761,695
Okl.....	1,281,908	1,281,041	187,400	183,368	382,951	398,567	276,700	310,473	682,799	631,674
Oreg.....	861,865	883,425	213,700	209,103	145,447	151,365	18,600	21,573	1,077,055	996,409
Pa.....	647,068	663,656	31,700	31,018	167,458	178,558	372,600	364,545	462,800	428,147
R.I.....	5,734	7,566	0	0	5,084	5,204	1,900	375	3,223	2,982
S.C.....	690,448	685,619	26,700	26,126	117,524	125,683	38,500	44,405	113,192	104,716
S. Dak.....	798,543	789,940	141,900	138,847	430,661	453,098	59,300	68,373	696,033	643,917
Tenn.....	679,436	671,196	70,900	69,375	287,793	305,719	345,000	344,838	314,977	291,392
Tex.....	2,350,606	2,548,209	940,300	920,071	369,758	385,879	708,100	796,327	1,991,430	1,842,319
Utah.....	290,482	304,159	13,800	13,503	65,647	69,461	19,400	22,729	272,208	251,826
Vt.....	75,759	73,729	1,700	1,663	59,024	61,105	25,400	23,996	61,837	57,207
Va.....	701,817	719,808	46,100	45,108	118,606	122,447	133,800	142,716	297,378	275,112
Wash.....	923,444	946,545	431,700	422,413	177,329	183,616	96,700	129,354	738,023	682,763
W. Va.....	76,899	78,869	11,700	11,448	61,166	63,571	59,100	55,684	48,260	44,646
Wis.....	1,677,240	1,697,238	145,700	142,565	334,834	357,127	518,500	558,021	1,272,626	1,177,337
Wyo.....	222,440	220,044	138,100	135,129	63,803	64,700	15,800	23,023	243,903	225,640
U.S.....	48,811,040	49,102,581	12,717,600	12,443,999	9,452,124	10,013,411	9,320,800	10,177,047	32,320,000	29,900,000

<sup>1</sup> Includes mortgages in process of foreclosure.<sup>2</sup> Includes U.S. legal reserve companies only. Includes regular mortgages and purchase-money mortgages.<sup>3</sup> Preliminary.<sup>4</sup> Includes farm ownership loans, recreation loans to individuals, soil and water loans to individuals, rural housing loans on farms and association loans for irrigation and drainage, for grazing, and for Indian tribe land acquisition.<sup>5</sup> Estimated by ERS, USDA.<sup>6</sup> Includes District of Columbia.

Economic Research Service.

Table 601.—All operating banks: Amount of agricultural loans outstanding, by type, and by States, specified dates, 1981-84 <sup>1</sup>

State and Territory	Farm real estate loans				Nonreal estate farm loans			
	1981	1982	1983	1984 <sup>2</sup>	1981	1982	1983	1984 <sup>2</sup>
	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	185,828	170,400	163,500	160,901	248,497	238,800	241,100	228,227
Alaska.....	1,351	900	1,600	1,522	20,981	15,600	8,300	10,428
Ariz.....	11,732	12,400	13,700	17,686	443,086	441,300	462,000	556,168
Ark.....	238,528	228,600	251,300	269,744	388,412	397,900	438,800	480,070
Calif.....	538,098	531,600	623,200	686,699	3,345,243	3,762,700	4,136,300	3,935,413
Colo.....	39,880	49,500	59,800	86,934	723,629	808,500	881,800	888,612
Conn.....	7,710	7,600	7,800	10,063	13,448	15,400	18,100	16,474
Del.....	18,274	18,200	18,600	19,010	13,483	17,500	71,600	71,609
Fla.....	147,682	136,000	177,100	233,348	186,156	196,000	226,400	247,335
Ga.....	327,853	306,600	303,700	282,801	313,653	304,900	301,000	304,423
Hawaii.....	9,352	8,500	27,700	26,079	21,128	26,800	16,400	24,634
Idaho.....	12,009	22,700	11,300	22,315	413,633	471,700	541,700	623,176
Ill.....	579,640	537,000	588,200	672,113	2,204,950	2,379,200	2,585,600	2,648,012
Ind.....	546,321	521,200	544,200	561,155	949,507	977,800	1,065,400	1,140,023
Iowa.....	321,437	342,900	410,300	512,230	3,323,278	3,766,000	3,841,600	3,874,316
Kans.....	200,639	211,000	246,000	271,335	2,047,739	2,223,700	2,407,500	2,469,410
Ky.....	406,671	409,100	433,500	443,787	539,367	611,800	650,700	696,566
La.....	220,100	234,500	237,800	226,399	307,552	298,200	294,900	362,069
Maine.....	6,734	6,500	5,800	4,750	14,050	14,500	12,500	19,182
Md. <sup>3</sup> .....	70,305	71,300	85,100	64,447	59,629	66,900	71,100	72,248
Mass.....	12,607	5,900	8,400	9,262	60,938	60,000	41,600	48,267
Mich.....	186,747	199,600	197,500	226,042	419,488	477,200	514,900	561,210
Minn.....	262,131	283,400	327,700	371,707	1,936,324	2,256,200	2,356,200	2,408,310
Miss.....	208,875	228,900	249,300	273,779	330,770	368,200	397,800	432,505
Mo.....	544,621	559,000	616,100	669,522	1,309,554	1,384,700	1,501,400	1,465,002
Mont.....	24,650	22,800	25,500	38,882	54,912	609,000	669,300	705,853
Nebr.....	98,058	114,600	177,500	245,343	2,505,712	2,862,900	3,064,700	3,062,464
Nev.....	974	800	1,000	4,128	18,027	16,900	14,400	10,986
N.H.....	7,868	7,800	5,400	5,362	2,877	2,800	2,600	1,981
N.J.....	13,627	12,100	9,700	18,708	7,482	8,900	9,500	10,258
N. Mex.....	24,192	25,600	27,600	31,859	191,425	206,600	211,200	230,598
N.Y.....	109,851	107,000	113,400	93,133	569,950	721,900	977,000	694,005
N.C.....	90,556	90,800	122,200	144,752	228,429	252,700	309,800	296,439
N. Dak.....	106,379	120,200	98,300	100,343	802,655	913,100	969,500	959,969
Ohio.....	463,926	449,200	458,600	464,475	504,971	542,500	590,600	623,522
Okla.....	220,582	227,700	276,700	310,473	1,288,504	1,255,400	1,368,300	1,268,284
Oreg.....	14,168	17,300	18,600	21,573	305,660	324,800	343,500	356,046
Pa.....	394,892	373,500	372,600	364,545	319,647	351,800	334,400	362,375
R. I.....	436	2,900	1,900	375	1,334	300	500	960
S. C.....	32,814	31,100	38,500	44,405	73,121	71,700	82,500	86,986
S. Dak.....	44,738	50,300	59,300	68,373	1,113,974	1,266,000	1,366,000	1,433,798
Tenn.....	345,346	339,100	345,000	344,838	324,521	346,300	356,300	367,407
Tex.....	490,923	555,500	708,100	796,327	2,455,542	2,551,800	2,810,100	3,122,232
Utah.....	19,164	16,000	19,400	22,729	94,636	111,700	101,500	104,495
Vt.....	23,506	23,000	25,400	23,996	24,499	30,100	31,100	29,687
Va.....	150,809	130,900	133,800	142,716	183,955	200,800	227,600	228,142
Wash.....	56,169	70,600	96,700	129,354	554,287	588,500	662,400	731,059
W. Va.....	63,949	60,200	59,100	55,684	36,637	30,800	29,900	29,454
Wis.....	476,931	474,500	518,500	558,021	936,234	1,046,800	1,147,700	1,163,237
Wyo.....	12,572	13,900	15,800	23,023	224,728	253,600	272,000	277,804
U.S.....	8,887,232	8,440,700	9,320,800	10,177,047	32,948,214	36,148,700	39,066,300	39,741,775

<sup>1</sup> Includes loans of national and commercial, mutual savings, stock savings, and private banks. Loans are classified according to location of bank and, therefore, are not strictly comparable with data for other lenders which are classified according to location of borrower.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes District of Columbia.

Economic Research Service. Data from Federal Deposit Insurance Corporation.

Table 602.—Farm real estate debt: Average interest rates on loans outstanding, by farming regions,<sup>1</sup> Dec. 31, 1969-84<sup>2</sup>

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent
1969.....	5.7	5.4	5.8	5.7	6.0	6.3	6.3	6.0	5.8	5.8	5.8
1970.....	5.9	5.5	5.9	5.9	6.2	6.5	6.5	6.2	6.0	5.9	6.0
1971.....	6.4	6.1	5.9	5.8	6.4	6.5	6.2	5.8	6.0	6.1	6.1
1972.....	6.7	6.1	6.2	6.0	6.6	6.8	6.3	6.0	6.1	6.3	6.3
1973.....	6.9	6.5	6.4	6.3	6.9	7.1	6.6	6.6	6.4	6.4	6.6
1974.....	7.2	6.9	6.7	6.6	7.3	7.5	7.0	6.9	6.8	6.8	6.9
1975.....	7.5	6.9	7.1	6.8	7.7	7.9	7.3	7.0	7.0	7.1	7.2
1976.....	7.4	7.2	7.3	7.1	7.6	7.7	7.4	7.2	7.1	7.3	7.3
1977.....	7.4	7.3	7.3	7.2	7.5	7.7	7.6	7.0	7.2	7.5	7.3
1978.....	7.5	7.3	7.7	7.5	8.0	8.0	8.0	7.6	7.6	7.8	7.7
1979.....	7.8	8.2	8.1	7.9	8.4	8.6	8.2	7.8	7.9	8.1	8.1
1980.....	8.5	8.5	8.5	8.9	8.7	8.7	8.8	8.4	8.5	8.5	8.6
1981.....	9.3	9.2	9.8	10.0	9.9	9.7	9.9	9.2	9.3	9.1	9.6
1982.....	9.9	10.1	10.1	10.2	10.3	10.2	10.3	9.6	9.4	9.3	9.9
1983.....	10.1	9.5	9.7	9.5	10.3	10.1	10.0	9.4	9.1	9.5	9.6
1984 <sup>3</sup> .....	10.1	9.6	9.8	9.7	10.3	10.4	10.1	9.3	9.1	9.6	9.7

<sup>1</sup> For States included in regions, see footnote 1, table 597.<sup>2</sup> Contract rates. Excludes Alaska and Hawaii.<sup>3</sup> Preliminary.

Economic Research Service.

Table 603.—Farm real estate debt: Interest charges on debt outstanding, by farming regions,<sup>1</sup> 1970-84<sup>2</sup>

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1970.....	85,927	157,595	393,629	189,439	125,676	120,188
1971.....	94,863	170,683	422,508	203,442	138,141	132,681
1972.....	112,384	203,039	456,595	215,035	150,837	146,958
1973.....	132,632	231,613	521,367	243,265	176,740	180,290
1974.....	159,777	273,359	611,994	282,406	215,530	226,821
1975.....	184,517	312,516	724,137	328,472	260,694	275,840
1976.....	199,918	356,000	853,361	389,679	296,603	306,134
1977.....	215,150	419,439	1,010,502	464,940	324,996	330,950
1978.....	236,204	490,955	1,227,762	543,931	372,741	376,113
1979.....	284,568	621,120	1,524,348	662,953	459,618	455,765
1980.....	351,336	783,940	1,851,264	842,786	556,707	542,245
1981.....	414,351	944,655	2,280,359	1,064,091	671,266	647,006
1982.....	467,266	1,116,818	2,621,338	1,225,913	772,481	747,246
1983.....	493,404	1,178,907	2,248,318	1,233,114	798,761	774,130
1984 <sup>3</sup> .....	489,944	1,157,608	2,601,791	1,198,710	799,329	744,619

  

Year	Delta States	Southern Plains	Mountain	Pacific	United States <sup>4</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1970.....	119,192	189,547	173,905	207,014	1,763,471
1971.....	126,688	203,362	187,612	223,737	1,905,431
1972.....	128,922	202,885	202,274	245,759	2,067,441
1973.....	147,374	240,265	229,494	277,938	2,384,985
1974.....	171,889	288,719	268,362	329,507	2,833,254
1975.....	196,062	328,104	315,602	385,274	3,316,621
1976.....	217,324	359,693	362,822	438,191	3,785,414
1977.....	246,208	387,900	416,258	505,866	4,328,719
1978.....	286,750	438,314	480,878	598,702	5,060,048
1979.....	347,253	517,296	578,302	729,283	6,190,164
1980.....	420,422	604,732	703,173	874,890	7,543,803
1981.....	515,443	709,132	837,313	1,043,447	9,141,884
1982.....	599,400	798,730	924,225	1,189,602	10,480,586
1983.....	617,295	836,350	934,994	1,278,649	10,814,848
1984 <sup>4</sup> .....	608,320	842,956	924,636	1,308,113	10,733,072

<sup>1</sup> For States included in regions, see footnote 1, table 597.<sup>2</sup> Interest charges during calendar year.<sup>3</sup> Preliminary.<sup>4</sup> Includes Alaska and Hawaii beginning 1965.

Economic Research Service.



Table 604.—Interest rates: Selected series, United States, 1970-84

Year	Federal land banks		Production credit associations, average cost of loans <sup>3</sup>	Federal intermediate credit banks		Banks for cooperatives		Prime commercial paper (4-6 months) <sup>6</sup>	Federal Reserve Bank discount rates, New York <sup>7</sup>
	Average rate on new loans <sup>1</sup>	Bond rates <sup>2</sup>		Discount rates <sup>4</sup>	Bond rates <sup>2</sup>	Rates on loans <sup>5</sup>	Bond rates <sup>2</sup>		
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1970.....	8.68	6.97	8.98	8.46	7.41	7.00-9.00	6.99	7.72	5.95
1971.....	7.86	6.45	7.28	6.33	5.53	5.25-7.50	5.57	5.11	4.88
1972.....	7.42	6.38	7.02	6.00	5.57	4.75-7.25	5.34	4.69	4.50
1973.....	7.48	6.59	8.09	7.31	7.85	5.50-9.50	8.75	8.15	6.44
1974.....	8.14	7.36	9.43	8.78	8.65	8.50-10.50	9.01	9.87	7.83
1975.....	8.69	7.60	8.91	8.14	6.88	7.25-10.50	7.03	6.33	6.25
1976.....	8.66	7.51	8.24	7.36	6.40	7.25-8.75	6.14	5.35	5.50
1977.....	8.39	7.37	7.88	6.94	6.53	6.50-8.00	6.76	5.61	5.46
1978.....	8.35	7.68	8.81	8.06	8.15	7.75-9.75	8.66	7.99	7.46
1979.....	9.20	8.74	10.71	10.21	10.37	10.00-12.75	11.09	10.91	10.28
1980.....	10.39	9.71	12.86	12.33	11.10	11.00-16.00	11.34	12.29	11.77
1981.....	11.27	11.65	14.89	14.25	14.18	14.75-18.50	14.14	14.76	13.41
1982.....	12.27	11.88	14.34	13.56	11.74	11.00-15.00	11.45	11.89	11.02
1983.....	11.63	11.83	11.49	10.55	10.26	9.85-10.90	10.71	8.89	8.50
1984.....	11.73	11.90	12.68	11.25	11.30	10.50-11.75	11.46	10.16	8.80

<sup>1</sup> Contract rates on loans through Federal land bank associations. In computing the average rates, each Farm Credit district is given equal weight.

<sup>2</sup> Weighted average net cost to banks of bonds outstanding at end of year.

<sup>3</sup> Rate represents interest (less patronage refunds), service fees, cost of record searches, and filing and releasing mortgages, etc., paid by borrowers as percentage of average loans outstanding during year.

<sup>4</sup> Annual interest income on loans, discounts, and notes receivable as a percentage of average balance of such items outstanding during the year.

<sup>5</sup> Excludes rates on loans secured by CCC documents.

<sup>6</sup> Board of Governors of the Federal Reserve System. Annual averages of prevailing open-market rates in New York City. Beginning November 1979, data are for 6-months paper.

<sup>7</sup> Board of Governors of the Federal Reserve System. Annual average in discount rates on advances secured by Government obligations maturing or callable beyond 1 year and discounts of and advances secured by eligible paper.

Economic Research Service and Farm Credit Administration.

Table 605.—Nonreal estate farm debt: Amount outstanding, by lender, United States, Dec. 31, 1969-84

Year	Debt owed to reporting institutions (excluding CCC)					Debts owned to individuals and others	Total excluding CCC loans	Price-support and storage loans made or guaranteed by CCC <sup>2</sup>	Total including CCC loans
	All operating banks	Production credit association	Federal intermediate credit banks <sup>1</sup>	Farmers Home Administration	Total				
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1969.....	10,330	4,495	218	785	15,828	5,340	21,168	2,676	23,844
1970.....	11,102	5,295	220	795	17,412	4,850	22,262	1,876	24,138
1971.....	12,498	6,078	237	771	19,584	5,590	25,114	2,262	27,376
1972.....	14,315	6,607	251	781	21,954	6,011	27,965	1,793	29,758
1973.....	17,167	7,814	331	877	26,189	6,865	33,054	750	33,804
1974.....	18,238	9,531	374	1,044	29,187	7,549	36,736	319	37,055
1975.....	20,160	10,770	350	1,772	33,052	8,553	41,605	375	41,980
1976.....	23,283	12,249	368	1,877	37,777	9,989	47,766	1,040	48,806
1977.....	25,709	13,519	374	3,141	42,743	12,244	54,987	4,540	59,527
1978.....	28,273	14,967	509	5,780	49,529	14,297	63,826	5,666	69,492
1979.....	31,034	18,113	665	8,982	58,794	16,610	75,404	5,070	80,474
1980.....	31,567	19,729	810	11,756	63,862	17,721	81,583	4,978	86,561
1981.....	32,948	21,203	913	14,452	69,516	18,780	88,296	8,011	96,307
1982.....	36,149	20,472	871	14,759	72,251	19,530	91,781	15,433	107,214
1983.....	39,066	19,315	850	14,646	73,877	18,945	92,822	10,801	103,623
1984 <sup>3</sup> .....	39,742	17,925	875	15,651	74,193	18,000	92,193	8,719	100,912

<sup>1</sup> Loans to and discounts for livestock loans companies and agricultured credit corporations.

<sup>2</sup> Although price-support loans of the Commodity Credit Corporation (CCC) are nonrecourse loans, they are treated as debts. Borrowers must either pay them or deliver the commodities on which they are based.

<sup>3</sup> Preliminary.

Economic Research Service.



**Table 606.—Farm Credit System: Loans and discounts made, United States, 1970-84<sup>1</sup>**

Year	Federal land banks	Production credit		Banks for cooperatives	Total
		Production credit associations <sup>2</sup>	Federal intermediate credit banks to other financing institutions		
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1970.....	1,016,821	8,276,660	621,431	2,476,077	12,390,989
1971.....	1,555,009	9,421,290	640,654	2,730,148	14,347,101
1972.....	2,251,035	10,438,649	692,747	3,360,753	16,743,184
1973.....	3,284,681	13,038,446	856,691	6,388,950	23,568,768
1974.....	4,243,479	14,398,388	879,070	8,372,547	27,893,484
1975.....	4,411,268	16,062,551	766,416	8,907,911	30,148,146
1976.....	4,700,861	18,327,314	830,269	10,820,401	34,678,845
1977.....	5,730,118	20,147,831	849,423	12,276,751	39,004,123
1978.....	6,355,338	23,378,215	1,194,118	14,125,181	45,052,852
1979.....	9,118,595	29,368,159	1,647,742	18,950,701	59,085,197
1980.....	10,282,308	32,674,199	1,832,043	24,675,291	69,468,841
1981.....	12,202,902	35,007,079	1,927,236	24,783,575	73,920,842
1982.....	8,511,592	32,886,688	1,825,405	23,809,795	66,533,480
1983.....	4,785,276	30,242,309	1,713,401	27,937,243	64,678,229
1984.....	4,309,844	28,340,982	1,776,794	29,378,182	63,805,502

<sup>1</sup> Includes Puerto Rico.<sup>2</sup> Includes renewals.

Farm Credit Administration.

**Table 607.—Farm Credit System: Loans and discounts outstanding, United States, Jan. 1, 1970-85<sup>1</sup>**

Year	Federal land banks	Production credit		Banks for cooperatives	Net total
		Production credit associations	Other financing institutions		
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1970.....	6,714,172	4,533,205	224,425	1,731,971	13,203,773
1971.....	7,187,140	5,334,496	222,098	2,029,864	14,773,598
1972.....	7,918,185	6,115,524	238,931	2,013,491	16,286,131
1973.....	9,104,930	6,636,076	252,681	2,297,805	18,291,492
1974.....	11,073,276	7,859,554	333,207	2,576,748	21,842,785
1975.....	13,863,752	9,560,649	403,402	3,575,483	27,403,286
1976.....	16,563,886	10,825,963	372,860	3,978,861	31,741,570
1977.....	19,126,749	12,297,052	385,185	5,061,669	36,870,655
1978.....	22,137,172	13,584,981	395,497	5,731,719	41,849,369
1979.....	25,626,461	15,112,202	534,139	6,217,025	47,489,827
1980.....	31,283,736	18,418,110	702,229	8,147,557	58,551,632
1981.....	38,137,543	20,160,313	845,007	9,505,526	68,648,389
1982.....	46,463,259	21,661,966	937,936	9,125,217	78,188,378
1983.....	50,375,306	20,711,823	895,376	8,259,607	80,242,112
1984.....	51,077,834	19,263,484	878,310	8,670,754	79,890,382
1985.....	50,714,401	17,600,270	926,386	7,946,927	77,187,992

<sup>1</sup> Includes Puerto Rico.

Farm Credit Administration.

**Table 608.—Production credit associations: Number of associations, and number of members having outstanding loans, Jan. 1, 1985, loans made during 1984, and loans outstanding on specified dates, 1984 and 1985, by Districts**

District	Production credit associations Jan. 1, 1985	Members having outstanding loans Jan. 1, 1985	Loans made during 1984 <sup>1</sup>	Loans outstanding		
				1984		1985
				Jan. 1	July 1	Jan. 1
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Springfield.....	20	14,803	386,087	670,611	651,800	672,023
Baltimore.....	26	25,356	607,441	735,759	759,616	731,648
Columbus.....	35	43,778	1,412,243	1,949,464	2,065,883	1,678,381
Louisville.....	35	63,993	2,288,679	1,980,493	1,844,836	1,621,279
Jackson.....	18	10,267	854,544	730,881	758,178	655,094
St. Louis.....	35	26,837	2,433,871	1,325,290	1,359,845	1,225,153
St. Paul.....	44	51,039	4,756,147	3,320,577	3,464,658	3,154,164
Omaha.....	37	21,270	3,876,871	2,186,635	2,082,300	1,783,798
Wichita.....	34	11,637	2,759,148	1,270,670	1,189,327	1,091,021
Texas.....	28	13,524	2,143,775	982,468	1,079,622	1,117,891
Sacramento.....	28	16,503	4,410,754	2,653,259	2,807,575	2,765,623
Spokane.....	25	13,673	2,411,423	1,457,377	1,436,912	1,104,195
Total.....	365	312,680	28,340,983	19,263,484	19,500,552	178,600,270

<sup>1</sup> Includes renewals.

Farm Credit Administration.

**Table 609.—Federal land banks: Number and amount of land bank loans made through Federal land bank associations in 1984 and outstanding Jan. 1, 1985, and number of associations, Jan. 1, 1985, by Districts**

District	Federal land bank associations, Jan. 1, 1985	Federal land bank loans			
		Loans made during 1984		Loans outstanding Jan. 1, 1985	
		<i>Number</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>
Springfield.....	20	689	58,904	17,929	1,016,053
Baltimore.....	26	2,936	228,597	38,278	2,223,123
Columbus.....	27	4,495	348,744	93,901	5,480,837
Louisville.....	62	3,675	343,277	67,450	4,779,087
Jackson.....	33	1,735	201,378	37,125	2,899,888
St. Louis.....	40	3,342	329,562	62,024	5,054,941
St. Paul.....	45	7,454	731,032	90,420	7,228,450
Omaha.....	31	4,205	517,267	75,891	6,087,390
Wichita.....	37	3,372	331,247	66,211	5,073,234
Texas.....	45	3,009	358,085	39,894	2,677,594
Sacramento.....	31	1,780	579,292	24,471	4,614,483
Spokane.....	40	2,017	282,459	39,779	3,579,329
Total.....	437	38,709	4,309,844	653,373	50,714,409

<sup>1</sup> New Hampshire is served by associations in Vermont and Connecticut; Massachusetts and Rhode Island by the association in Connecticut; and Alaska by the association in Washington.

Totals may not add due to rounding.

Farm Credit Administration.

Table 610.—Farmers Home Administration: Loans made to individuals and associations for farming purposes, and amount outstanding, United States and Territories, 1970-85<sup>1</sup>

Year	Loans to individuals											
	Farm ownership			Soil and water			Recreation			Operating		
	New borrow-ers	Loans made	Out-standing Jan. 1	New borrow-ers	Loans made	Out-standing Jan. 1	New borrow-ers	Loans made	Out-standing Jan. 1	New borrow-ers	Loans made	Out-standing Jan. 1
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1970.....	7,693	240,814	1,800,418	803	3,859	26,070	30	897	2,301	13,727	280,998	660,368
1971.....	9,809	321,690	1,952,869	1,411	8,613	27,005	23	1,019	3,556	14,178	287,289	677,175
1972.....	10,891	345,199	2,162,881	872	5,044	32,080	37	1,778	4,419	15,280	330,908	658,468
1973.....	11,029	387,985	2,293,604	372	2,509	32,712	27	1,416	5,827	20,296	471,798	680,181
1974.....	8,263	364,979	2,446,213	368	3,631	30,440	12	811	6,710	23,093	544,218	777,752
1975.....	7,278	355,161	2,644,583	509	6,645	30,541	15	664	7,314	19,166	536,988	923,550
1976.....	9,553	496,299	2,826,745	3,641	57,211	31,104	24	1,835	7,771	16,549	549,531	1,026,091
1977.....	9,026	501,871	3,040,062	3,334	60,493	77,283	18	1,079	8,929	15,529	539,233	1,033,648
1978.....	10,469	629,639	3,300,445	2,934	53,159	130,084	27	1,677	9,709	23,105	851,109	1,077,517
1979.....	9,743	831,493	3,609,729	2,158	53,683	174,658	22	2,722	10,795	19,892	949,165	1,487,523
1980.....	9,308	830,623	4,280,875	2,333	55,720	213,573	16	1,855	12,588	16,612	812,559	1,599,927
1981.....	7,948	717,373	4,876,025	1,530	43,325	262,050	11	1,450	14,133	17,104	820,626	1,854,440
1982.....	6,719	664,528	5,374,765	982	20,231	290,999	4	712	15,309	21,235	1,276,512	2,058,160
1983.....	7,035	770,583	5,852,702	709	12,710	297,737	0	0	15,420	25,022	1,750,088	2,499,344
1984.....	6,368	735,359	6,408,540	613	12,147	296,855	0	0	14,179	25,121	2,213,098	3,050,446
1985.....			6,957,378		296,346				13,848			3,750,587

Year	Loans to associations						Economic opportunity individual loans			Economic emergency loans			Emergency livestock loans		
	Indian tribe land acquisition		Grazing association		Irrigation, drainage, and soil conservation		New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1
	New borrowers	1,000 dol.-lars	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1									
	Number	1,000 dol.-lars	1,000 dol.-lars	Number	1,000 dol.-lars	1,000 dol.-lars	Number	1,000 dol.-lars	1,000 dol.-lars	Number	1,000 dol.-lars	1,000 dol.-lars	Number	1,000 dol.-lars	1,000 dol.-lars
1970.....	5	5,000	.....	34	7,693	73,554	15	204	6,281	1,214	3,583	61,987	.....	.....	.....
1971.....	4	4,490	.....	23	4,885	80,248	9	1,323	6,011	388	1,245	52,647	.....	.....	.....
1972.....	1	2,850	795	28	6,172	83,076	10	903	6,780	.....	.....	41,991	.....	.....	.....
1973.....	3	9,786	4,703	11	3,899	84,048	7	338	6,950	( <sup>2</sup> )	.....	31,513	.....	.....	.....
1974.....	8	8,715	8,910	10	2,677	81,297	5	940	7,097	.....	.....	22,968	.....	.....	.....
1975.....	8	11,063	16,864	9	4,290	77,553	12	1,336	9,822	.....	.....	17,213	.....	.....	.....
1976.....	4	13,414	33,123	6	4,948	77,073	12	4,812	7,960	.....	.....	12,559	.....	.....	.....
1977.....	0	6,500	45,658	3	1,703	78,314	9	5,274	9,541	.....	.....	8,281	.....	.....	.....
1978.....	1	11,000	50,845	4	5,585	78,371	7	1,019	12,710	.....	.....	5,708	.....	.....	.....
1979.....	1	6,380	60,012	0	160	75,262	3	233	18,322	.....	.....	3,943	.....	.....	.....
1980.....	1	4,542	62,386	0	0	74,638	2	236	18,255	.....	.....	2,831	.....	.....	.....
1981.....	1	62	67,990	0	0	69,350	3	1,243	18,168	.....	.....	1,945	.....	.....	.....
1982.....	1	7,450	68,427	0	0	66,748	0	0	18,018	.....	.....	1,540	.....	.....	.....
1983.....	0	2,620	70,564	0	0	63,536	0	0	17,500	.....	.....	964	.....	.....	.....
1984.....	0	.....	.....	0	.....	.....	0	.....	739	.....	.....	0	.....	.....	.....
1985.....	.....	.....	82,631	.....	.....	60,263	.....	.....	17,320	.....	.....	599	.....	.....	.....

<sup>1</sup> Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

<sup>2</sup> Discontinued.

<sup>3</sup> Latest data available as of September 30, 1978.

Farmers Home Administration.



**Table 611.—Farmers Home Administration: Loans made to individuals and organizations for housing purposes, and loans outstanding, United States and Territories, 1970-85 <sup>1</sup>**

Year	Rural housing loans			Farm labor housing loans		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1970.....	89,786	1,060,754	2,241,988	15	1,398	15,100
1971.....	105,648	1,412,549	3,109,227	12	240	16,814
1972.....	120,988	1,807,063	4,328,708	76	3,810	16,789
1973.....	85,286	1,394,506	5,694,574	18	9,969	18,938
1974.....	102,005	1,939,622	6,700,675	61	8,972	20,735
1975.....	112,071	2,334,202	8,051,996	97	8,066	23,336
1976.....	94,522	2,054,706	9,815,075	71	10,366	26,945
1977.....	113,365	2,687,028	11,083,704	87	5,490	30,803
1978.....	114,018	3,060,481	12,596,054	85	11,655	38,285
1979.....	85,435	2,556,434	14,495,475	207	36,034	<sup>2</sup> 40,542
1980.....	84,239	2,765,947	16,130,400	181	24,974	54,631
1981.....	70,850	2,478,378	18,075,547	203	17,512	74,984
1982.....	65,567	2,554,027	19,642,741	109	10,962	97,659
1983.....	49,457	1,970,487	21,181,379	65	4,170	115,580
1984.....	46,011	1,880,689	21,946,326	69	5,815	123,648
1985.....			22,357,923			122,616

  

Year	Rural rental housing loans			Rural housing site and self-help land development		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1970.....	417	29,395	48,790	10	470	.....
1971.....	311	29,168	77,349	25	1,738	130
1972.....	390	48,836	105,755	17	1,693	1,730
1973.....	445	96,555	139,266	14	2,181	2,248
1974.....	637	205,580	175,860	9	1,787	2,381
1975.....	1,034	330,757	283,906	6	1,531	3,369
1976.....	1,090	433,253	531,051	5	954	4,526
1977.....	1,243	646,798	758,726	10	2,098	4,759
1978.....	1,157	729,231	<sup>2</sup> 1,069,590	9	3,891	4,688
1979.....	1,153	852,639	2,409,332	19	4,039	<sup>2</sup> 4,481
1980.....	1,087	783,683	3,210,140	7	928	5,283
1981.....	1,146	814,452	3,210,140	5	1,189	7,551
1982.....	1,244	966,670	3,864,875	0	134	5,945
1983.....	1,032	798,591	4,540,754	1	310	4,413
1984.....	1,132	937,433	5,234,310	1	213	3,279
1985.....			5,926,748			1,088

<sup>1</sup> Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

<sup>2</sup> Latest data available as of September 30, 1978.

Farmers Home Administration.

**Table 612.—Farmers' marketing, farm supply, and related service cooperatives: Number, memberships, and business, United States, 1970-83**

Year <sup>1</sup>	Cooperatives <sup>2</sup>				Estimated memberships <sup>4</sup>				Estimated service receipts <sup>5</sup>
	Marketing	Farm supply	Related service <sup>3</sup>	Total	Marketing	Farm supply	Related service <sup>3</sup>	Total	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 members</i>	<i>1,000 members</i>	<i>1,000 members</i>	<i>1,000 members</i>	<i>Million dollars</i>
1970 .....	5,097	2,731	167	7,995	3,105	3,028	25	6,158	414
1971 .....	4,864	2,781	152	7,797	3,134	2,991	22	6,147	462
1972 .....	4,897	2,801	156	7,854	3,118	2,988	22	6,128	503
1973 .....	4,822	2,778	155	7,755	3,111	2,972	22	6,105	658
1974 .....	4,770	2,729	146	7,645	3,127	2,971	25	6,123	745
1975 .....	4,658	2,731	146	7,535	2,812	3,056	38	5,906	855
1976/77 .....	4,008	2,593	135	6,736	2,655	3,066	37	5,758	893
1978 <sup>6</sup> .....	3,930	2,550	120	6,600	2,595	3,063	37	5,695	948
1979 .....	3,825	2,507	113	6,445	2,531	3,060	36	5,627	1,054
1980 .....	3,808	2,369	116	6,293	2,542	2,804	32	5,379	1,209
1981 .....	3,743	2,356	112	6,211	2,452	2,856	27	5,335	1,190
1982 .....	3,714	2,299	112	6,125	2,444	2,666	25	5,135	1,394
1983 .....	3,647	2,208	134	5,989	2,308	2,553	<sup>7</sup> 95	4,955	1,468

  

Year <sup>1</sup>	Marketing volume		Farm supply volume		Total marketing and farm supply volume and service receipts	
	Estimated gross business <sup>8</sup>	Estimated net business <sup>9</sup>	Estimated gross business <sup>8</sup>	Estimated net business <sup>9</sup>	Estimated gross business <sup>8</sup>	Estimated net business <sup>9</sup>
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1970 .....	20,118	15,802	6,749	4,340	27,281	20,556
1971 .....	20,795	16,463	7,396	4,740	28,653	21,665
1972 .....	25,110	19,573	8,841	5,915	34,454	25,991
1973 .....	35,632	26,944	11,395	7,764	47,685	35,366
1974 .....	40,313	31,937	13,416	8,660	54,474	41,342
1975 .....	39,402	29,783	15,554	9,412	55,811	40,050
1976/77 .....	40,804	32,134	17,791	10,557	59,488	43,584
1978 <sup>6</sup> .....	45,072	35,306	18,605	11,052	64,625	47,305
1979 .....	53,669	41,693	22,670	13,521	77,392	56,268
1980 .....	63,650	48,911	27,660	16,134	92,520	66,254
1981 .....	70,162	53,285	30,127	17,059	101,479	71,534
1982 .....	65,600	51,394	28,105	16,362	95,099	69,150
1983 .....	61,209	49,344	26,053	15,943	88,730	66,755

<sup>1</sup> Reports of cooperatives are included either for the calendar year or for fiscal years ending between July 1 of the calendar year shown and June 30 of the following year, with limited exceptions. Reports of cooperatives are included for the calendar year beginning 1978.

<sup>2</sup> Includes independent local cooperatives, centralized cooperatives, federations of cooperatives and cooperatives with mixed organizational structures. Cooperatives are classified according to their major activity. If, for example, more than 50 percent of a cooperative's business is derived from marketing activities, it is included as a marketing cooperative.

<sup>3</sup> Includes cooperatives whose major activity is providing services related to marketing and farm supply activities.

<sup>4</sup> Includes members (those entitled to vote for directors) but does not include nonvoting patrons. (Some duplication exists because some farmers belong to more than one cooperative.)

<sup>5</sup> Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

<sup>6</sup> Estimated.

<sup>7</sup> Number of memberships was up significantly due to inclusion of additional related service cooperatives.

<sup>8</sup> Estimated gross business includes all business reported between cooperatives, such as the wholesale business of farm supply cooperatives with other cooperatives or terminal market sales for local cooperatives.

<sup>9</sup> Estimated net business represents the value at the first level at which cooperatives transact business for farmers. Figures are adjusted for duplication resulting from intercooperative business.

Agricultural Cooperative Service. Based on records from cooperatives reporting to the Service.

**Table 613.—Farmers' cooperatives: Number of marketing, farm supply, and related service cooperatives and business volume, United States, 1982 and 1983 (preliminary)**

Item	Cooperatives handling		Gross business		Net business <sup>1</sup>	
	1982	1983	1982	1983	1982	1983
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Products marketed:						
Beans and peas (dry edible).....	60	52	214,444	112,533	133,285	81,585
Cotton and cotton products.....	476	487	2,105,154	2,029,445	1,732,725	1,721,544
Dairy products.....	451	418	17,976,595	19,067,092	15,776,154	16,765,593
Fruits and vegetables.....	384	394	6,387,147	5,757,936	4,501,216	4,241,335
Grain, soybeans and soybean meal and oil.....	2,362	2,275	27,393,886	23,411,305	18,233,654	16,217,999
Livestock and livestock products.....	429	402	5,547,460	5,092,689	5,193,877	4,767,955
Nuts.....	50	35	701,679	826,704	701,679	826,704
Poultry products.....	70	63	1,069,881	1,149,050	944,365	1,043,177
Rice.....	57	62	1,128,916	864,722	1,128,916	864,722
Sugar products.....	48	47	1,528,407	1,699,996	1,519,466	1,682,481
Tobacco.....	35	35	582,538	393,605	581,894	393,605
Wool and mohair.....	190	181	32,329	50,454	15,481	29,183
Miscellaneous <sup>2</sup> .....	112	102	931,114	753,881	931,114	707,670
Total farm products.....	<sup>3</sup> 4,279	<sup>3</sup> 4,173	65,599,550	61,209,412	51,393,826	49,343,552
Supplies purchased:						
Building materials.....	2,057	1,887	559,742	519,594	428,652	408,759
Containers.....	658	520	386,427	288,242	68,332	96,850
Farm chemicals.....	3,627	3,407	2,270,696	2,104,221	1,335,974	1,250,216
Farm machinery and equipment.....	1,805	1,690	515,871	531,897	341,784	363,462
Feed.....	3,553	3,295	4,802,917	4,970,839	3,340,991	3,594,064
Fertilizer.....	3,732	3,442	6,220,804	5,158,449	3,406,809	2,837,204
Meats and groceries.....	482	436	141,530	151,157	111,576	123,711
Petroleum products.....	2,871	2,742	10,598,433	9,761,521	5,502,480	5,433,841
Seed.....	3,550	3,318	743,538	684,940	554,917	483,081
Other supplies <sup>4</sup> .....	4,269	3,922	1,864,720	1,881,924	1,270,609	1,351,768
Total farm supplies.....	<sup>3</sup> 4,952	<sup>3</sup> 4,558	28,104,678	26,052,783	16,362,124	15,942,957
Receipts for services:						
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous.....	<sup>3</sup> 4,608	<sup>3</sup> 4,129	<sup>5</sup> 1,394,386	<sup>5</sup> 1,468,316	<sup>5</sup> 1,394,386	<sup>5</sup> 1,468,316
Total business.....	<sup>3</sup> 6,125	<sup>3</sup> 5,989	95,098,614	88,730,512	69,150,336	66,754,824

<sup>1</sup> Represents value at the first level at which cooperatives transact business for farmers. <sup>2</sup> Includes coffee, fish, forest products, fur pelts, hay, hops, nursery stock, tung oil, and other farm products not separately classified. <sup>3</sup> Because many cooperatives do more than one type of business, these totals are less than the number that would be obtained by adding the number of cooperatives marketing individual products, handling individual supplies, or providing individual service. Inactive cooperatives not included. <sup>4</sup> Includes automotive supplies, hardware, chicks, and other supplies not separately classified. <sup>5</sup> Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

Agricultural Cooperative Service. Based on records from cooperatives reporting to the Service.

**Table 614.—Farmers' cooperatives: Types, numbers, and memberships, United States**

Type	Year or date of data	Associations	Estimated memberships or participants
		<i>Number</i>	<i>Number</i>
Marketing and farm supply, and related service:			
Marketing <sup>1</sup> .....	1983.....	<sup>2</sup> 3,647	2,307,630
Farm supply <sup>1</sup> .....	1983.....	<sup>3</sup> 2,208	2,552,519
Related services <sup>4</sup> .....	1983.....	<sup>5</sup> 134	95,609
Service:			
Federal land bank associations <sup>6</sup> .....	Dec. 31, 1983.....	462	<sup>7</sup> 662,276
Production credit associations <sup>6</sup> .....	Dec. 31, 1983.....	403	471,266
Banks for cooperatives <sup>6</sup> .....	Dec. 31, 1983.....	n/a.	<sup>8</sup> 4,057
Rural credit unions <sup>9</sup> .....	Dec. 31, 1983.....	821	2,279,057
Rural electric cooperatives <sup>10</sup> .....	Dec. 31, 1983.....	<sup>11</sup> 927	<sup>12</sup> 9,623,787
Rural telephone cooperatives <sup>10</sup> .....	Dec. 31, 1983.....	253	999,543
Production:			
Dairy herd improvement associations <sup>13</sup> .....	Dec. 31, 1983.....	1,068	40,551

See footnotes on page 442.

Table 615.—Farmers' cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm supply, and related service cooperatives, by States, 1982 and 1983

State	Cooperatives headquartered in State		Cooperatives doing business in State <sup>1</sup>		Memberships in State		Net business <sup>2</sup>	
	1982 <sup>3</sup>	1983	1982 <sup>3</sup>	1983	1982 <sup>3</sup>	1983	1982 <sup>3</sup>	1983
	Number	Number	Number	Number	Number	Number	1,000 dollars	1,000 dollars
Ala.....		83		95		81,794		767,492
Alaska.....		1		1		15		<sup>4</sup>
Ariz.....		17		30		63,614		487,412
Ark.....		117		137		106,682		1,214,883
Calif.....		247		259		69,946	<sup>5</sup>	5,353,990
Colo.....		77		90		38,758		826,975
Conn.....		5		10		3,311		169,381
Del.....		5		14		10,166		103,344
Fla.....		66		79		31,269		1,495,739
Ga.....		23		36		73,432		1,258,924
Hawaii.....		23		29		2,928		40,343
Idaho.....		65		81		45,593		635,692
Ill.....		279		295		283,551		4,461,596
Ind.....		90		113		207,903		1,907,614
Iowa.....		362		391		294,871		5,757,965
Kans.....		239		257		205,591		2,522,196
Ky.....		72		90		258,121		727,759
La.....		87		107		17,965		599,988
Maine.....		9		15		8,130		128,109
Md.....		29		43		51,545		561,269
Mass.....		17		19		9,047		347,625
Mich.....		108		126		114,526		1,787,679
Minn.....		673		696		448,497		5,334,798
Miss.....		151		167		116,453		980,046
Mo.....		113		145		244,264		2,349,073
Mont.....		135		147		53,209		406,273
Nebr.....		248		269		201,612		2,525,358
Nev.....		4		15		183		25,929
N.H.....		2		10		1,987		69,393
N.J.....		24		39		10,506		289,782
N. Mex.....		20		29		5,940		64,018
N.Y.....		220		232		109,614		2,273,983
N.C.....		36		52		133,697		644,939
N. Dak.....		396		408		163,221		1,878,765
Ohio.....		167		185		149,516		2,642,056
Okla.....		143		157		94,571		879,593
Oreg.....		52		64		39,034		872,507
Pa.....		88		107		69,060		1,813,924
R.I.....		1		4		458		<sup>4</sup>
S.C.....		10		20		39,439		190,720
S. Dak.....		233		250		151,933		1,233,611
Tenn.....		106		125		148,352		708,847
Tex.....		422		429		127,735		2,083,773
Utah.....		39		47		22,504		351,986
Vt.....		10		15		5,985		359,760
Va.....		110		123		167,007		977,914
Wash.....		130		141		77,567		1,511,968
W. Va.....		45		60		66,504		143,786
Wis.....		368		394		319,284		4,019,918
Wyo.....		22		34		7,604		73,602
United States.....		5,989				4,954,494		65,906,405
Foreign.....				15		<sup>6</sup> 264		<sup>6</sup> 848,419
Total.....		5,989				4,954,758		66,754,824

<sup>1</sup> Includes cooperatives headquartered both in and outside the State handling business originating in the State. No totals can be shown because of duplication. Data not available for 1982 due to sampling methodology used.

<sup>2</sup> Represents value at the first level at which cooperatives transact business for farmers. Totals may not add due to rounding.

<sup>3</sup> Statistics for 1982 are presented on a national basis only.

<sup>4</sup> Dollar volume is not shown to avoid disclosing operations of individual cooperatives.

<sup>5</sup> Volume of a sugar cooperative located in Hawaii but headquartered in California is included in California.

<sup>6</sup> Sales outside the United States, sales to domestic military installations, and sales of certain products not received directly from member-patrons.

Agricultural Cooperative Service.



Table 616.—Rural Electrification Administration: Long-term financing approved by purpose, by States and Territories, from organization (May 11, 1935) to Jan. 1, 1985 <sup>1</sup>

State and Territory	Bor- rowers	Total financing			Financing to cooperative associations <sup>3</sup>		Financing by purpose			Miles of line provided for by financ- ing <sup>6</sup>	Consum- ers provided for by financ- ing <sup>6</sup>
		REA loans	Non-REA financing		Bor- rowers	Amount <sup>2</sup> 4	Distribu- tion	Generation and trans- mission <sup>2</sup> 4	Con- sumer facili- ties <sup>5</sup>		
			With REA guaran- tee	Without REA guaran- tee <sup>2</sup>							
	Num- ber	1,000 dollars	1,000 dollars	1,000 dollars	Num- ber	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Numbers
Ala.....	27	364,457	295,358	49,960	24	695,794	293,024	415,392	1,359	52,525	400,514
Alaska.....	15	649,823	230,895	66,523	13	893,949	355,919	590,233	1,089	8,566	133,731
Ariz.....	14	157,759	337,679	21,216	8	501,009	116,606	399,558	490	10,964	90,241
Ark.....	21	573,940	932,181	145,593	20	1,651,191	480,194	1,167,049	4,471	60,068	353,184
Calif.....	10	68,970	0	3,196	7	47,615	61,685	10,425	56	6,213	73,463
Colo.....	24	825,680	1,608,087	213,215	24	2,646,982	563,779	2,083,129	74	59,732	281,527
Conn.....	0	0	0	0	0	0	0	0	0	0	0
Del.....	1	29,759	0	7,407	1	37,166	36,302	861	3	3,302	33,372
Fla.....	18	512,864	1,114,869	377,506	16	2,005,026	574,865	1,427,855	2,519	47,665	524,505
Ga.....	48	685,445	3,765,763	1,166,587	46	5,617,531	826,642	4,788,194	2,959	107,889	904,164
Hawaii.....	0	0	0	0	0	0	0	0	0	0	0
Idaho.....	10	116,032	130	17,319	10	133,480	105,806	26,478	1,197	11,382	45,992
Ill.....	31	417,953	1,829,766	119,183	30	2,366,821	365,328	2,001,362	212	54,148	230,305
Ind.....	48	351,719	2,051,888	279,766	47	2,682,943	308,141	2,374,516	716	50,918	357,384
Iowa.....	57	601,323	266,758	80,676	54	947,156	378,665	569,695	397	65,660	188,478
Kans.....	38	474,088	787,147	38,062	37	1,299,292	385,653	913,229	415	71,669	188,797
Ky.....	29	815,755	2,977,086	434,125	28	4,226,964	554,371	3,671,439	1,159	72,605	556,818
La.....	20	512,409	3,967,381	195,885	18	4,667,178	492,383	4,183,115	177	44,648	395,255
Maine.....	4	22,005	0	632	4	22,637	18,934	3,659	44	1,762	14,089
Md.....	2	122,408	0	29,126	2	151,534	126,152	25,382	0	10,279	95,773
Mass.....	0	0	0	0	0	0	0	0	0	0	0
Mich.....	14	278,689	818,370	25,908	14	1,122,967	199,094	923,400	473	29,691	204,117
Minn.....	52	786,854	1,296,686	133,124	50	2,215,705	1,610,025	1,596,293	4,346	106,294	458,878
Miss.....	29	456,573	723,650	76,501	27	1,254,025	437,737	818,293	694	73,685	521,835
Mo.....	49	923,213	1,049,506	364,710	48	2,337,394	634,131	1,702,477	821	108,317	519,610
Mont.....	26	250,068	11,478	21,426	26	282,972	230,496	52,247	229	43,624	101,618
Nebr.....	36	458,911	0	29,043	4	64,695	372,384	115,008	562	75,694	170,760
Nev.....	8	63,621	0	4,965	3	60,638	47,954	20,384	248	5,387	17,165
N.H.....	1	69,529	186,250	5,266	1	261,045	72,243	188,770	32	4,168	51,611
N.J.....	2	11,763	0	2,629	2	14,392	13,247	1,141	4	808	11,270
N.Mex.....	18	269,349	450,782	122,145	17	842,141	208,931	630,335	3,010	37,755	146,631
N.Y.....	6	24,023	0	5,045	5	27,205	28,809	174	85	4,474	21,416
N.C.....	35	495,094	1,525,447	292,768	30	2,312,414	518,720	1,789,954	4,635	64,825	560,476
N. Dak.....	28	825,708	2,831,938	716,882	26	4,368,929	379,810	3,992,732	1,986	67,206	108,485
Ohio.....	29	325,301	72,110	403,653	28	794,822	305,780	495,066	218	38,165	256,904
Okla.....	29	758,536	643,176	169,941	27	1,571,353	685,487	883,490	2,676	93,603	404,652
Oreg.....	18	228,568	70,751	47,492	17	338,316	236,540	110,034	237	20,956	115,822
Pa.....	13	182,668	647,908	40,856	13	871,433	206,504	664,689	239	23,735	172,256
R.I.....	0	0	0	0	0	0	0	0	0	0	0
S.C.....	27	493,771	533,121	160,059	25	1,182,445	439,225	745,495	2,231	51,841	414,866
S.Dak.....	34	399,731	13,828	17,587	34	431,146	296,586	133,679	881	63,639	122,393
Tenn.....	32	296,402	0	60,107	20	334,621	354,634	1,830	45	64,310	641,463
Tex.....	102	1,675,616	1,080,866	293,307	100	2,992,053	1,552,846	1,494,419	2,524	238,871	1,123,690
Utah.....	6	63,153	981,136	211,440	6	1,255,729	47,663	1,207,942	124	5,529	21,911
Vt.....	3	49,170	50,726	4,055	3	103,950	34,097	68,951	903	2,638	18,475
Va.....	19	334,008	263,000	74,363	18	671,178	381,890	288,814	667	36,007	271,282
Wash.....	23	179,914	0	28,023	11	154,082	194,354	13,331	252	20,018	95,016
W. Va.....	1	6,282	0	316	1	6,598	6,593	0	5	721	4,893
Wis.....	31	426,622	260,359	76,578	30	763,468	236,567	525,183	1,809	41,121	183,077
Wyo.....	15	223,139	15,576	20,280	14	258,917	168,477	90,417	101	27,571	74,465
U.S.....		1,103,178,586,665	33,691,652	6,654,446	989	57,488,901	14,951,273	43,206,116	47,374	2,090,648	11,682,539
P.R.....	1	238,727	0	4,744	0	0	210,762	32,709	0	14,811	467,091
V.I.....	1	430	0	0	0	0	234	196	0	85	912
Total.....		1,105,180,927,822	33,691,652	6,659,190	989	57,488,901	15,162,269	43,239,021	47,374	2,105,544	12,150,542

<sup>1</sup> State total represents data for borrowers incorporated within the State.  
<sup>2</sup> Includes loans obtained by REA borrowers' affiliates specifically organized to facilitate non-REA financing.  
<sup>3</sup> Totals for other types of borrowers are as follows: Public Power Districts, 54 borrowers, \$515,604,431; municipalities and other Government authorities, 36 borrowers, \$415,596,334; power companies, 26 borrowers, \$28,562,037.  
<sup>4</sup> Includes \$33,691,651,820, REA guarantee commitments made as of Jan. 1, 1985.  
<sup>5</sup> Funds loaned to corporate borrowers for relending to individuals. Includes wiring, plumbing, and refrigeration installations.  
<sup>6</sup> Includes miles energized and consumers served, shown in tables 617 and 618.  
Rural Electrification Administration.

Table 617.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, 1984, by States and Territories <sup>1</sup>

State and Territory	Total advances as of Jan. 1, 1985 <sup>2 3</sup>	Statistics for borrowers in operation								
		As of Jan. 1, 1985			Calendar year 1984					
		Bor- rowers	Miles ener- gized <sup>4</sup>	Con- sumers served <sup>4</sup>	Kw.-hr. generat- ed	Kw.-hr. pur- chased <sup>5</sup>	Kw.-hr. sales <sup>6</sup>	Total re- venue <sup>6</sup>	Average monthly kw.-hr. consumption per consumer	
									All con- sumers	Residen- tial con- sumers <sup>7</sup>
	1,000 dollars	Num- ber Miles	Num- ber	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars	Kw.-hr.	Kw.-hr.	
Ala.....	336,913	26	54,373	375,547	2,024,450	6,605,303	5,560,588	336,776	1,185	918
Alaska.....	579,304	15	8,620	143,652	2,472,878	936,871	2,351,810	204,484	1,890	809
Ariz.....	149,958	14	15,059	104,804	1,452,005	3,326,648	3,122,852	199,237	1,881	540
Ark.....	539,405	21	58,550	289,402	4,346,343	6,929,659	4,096,887	306,112	1,147	806
Calif.....	63,432	9	5,353	38,231	0	451,809	414,180	23,038	1,247	808
Colo.....	749,449	24	57,821	263,822	6,565,988	9,624,229	7,874,614	371,819	1,488	793
Conn.....	0	0	0	0	0	0	0	0	0	0
Del.....	27,821	1	3,367	34,417	0	354,638	327,129	27,779	808	721
Fla.....	464,110	18	46,347	472,821	3,151,233	8,660,399	6,531,814	541,705	1,013	794
Ga.....	598,057	46	106,164	791,438	8,365,055	15,255,112	13,677,054	931,315	1,165	910
Hawaii.....	0	0	0	0	0	0	0	0	0	0
Idaho.....	103,430	10	11,239	42,232	11,014	1,144,961	1,038,897	45,967	2,080	1,028
Ill.....	391,691	31	53,395	207,690	1,315,184	5,263,143	3,168,840	258,077	1,245	962
Ind.....	322,732	45	50,519	325,045	6,671,425	8,080,208	9,277,845	443,509	1,250	1,022
Iowa.....	544,050	57	64,366	172,621	2,121,945	4,237,031	3,709,729	229,282	1,408	1,222
Kans.....	422,924	37	69,406	170,211	1,328,615	5,221,555	3,644,913	264,770	1,545	761
Ky.....	766,477	28	71,253	461,276	12,760,559	16,585,525	16,779,834	683,182	2,430	951
La.....	452,677	17	43,600	307,459	5,433,007	5,307,983	5,198,839	414,878	1,258	991
Maine.....	20,632	4	1,709	12,735	5	93,654	83,552	8,441	552	370
Md.....	106,949	2	10,279	97,369	0	1,675,337	1,577,922	120,160	1,375	926
Mass.....	0	0	0	0	0	0	0	0	0	0
Mich.....	260,999	14	29,316	185,806	320,970	2,346,569	1,478,781	114,585	641	516
Minn.....	742,743	52	105,849	437,709	7,676,070	9,300,981	11,093,536	542,762	1,152	938
Miss.....	416,734	29	74,545	459,251	2,201,060	9,105,403	6,837,698	400,451	1,350	925
Mo.....	878,426	47	107,230	434,833	9,453,906	20,287,103	13,825,267	559,385	1,192	881
Mont.....	215,927	26	42,785	92,740	0	3,065,774	1,647,026	79,897	1,497	1,049
Nebr.....	394,083	36	72,773	157,382	1	5,779,352	3,053,175	182,075	1,692	1,130
Nev.....	57,617	8	4,845	16,653	756	502,885	431,969	20,458	2,255	941
N.H.....	65,199	1	4,073	51,978	0	423,273	393,634	35,353	661	512
N.J.....	11,238	2	799	10,855	0	90,132	82,150	8,461	840	713
N. Mex.....	251,440	18	37,308	126,484	14,197	4,293,538	2,359,657	145,633	1,426	479
N.Y.....	21,422	5	3,944	17,507	0	127,084	113,878	6,797	865	831
N.C.....	438,057	33	64,540	494,985	1	12,408,842	5,927,702	415,966	1,029	853
N. Dak.....	768,050	27	66,154	97,785	11,320,931	8,303,480	10,396,706	319,414	2,380	1,282
Ohio.....	300,594	29	38,701	246,082	4,190,824	4,334,432	4,271,770	252,018	1,278	992
Okl.....	668,609	29	91,493	332,907	2,893,060	7,179,176	5,610,448	392,217	1,386	908
Oreg.....	213,651	18	21,387	100,769	71,577	2,615,971	2,416,407	109,509	2,038	1,139
Pa.....	166,192	13	23,643	158,423	247,800	3,219,470	1,542,988	126,202	799	692
R.I.....	0	0	0	0	0	0	0	0	0	0
S.C.....	436,727	23	50,712	362,838	0	10,170,183	4,787,266	321,129	1,150	961
S. Dak.....	349,053	34	62,478	104,794	0	4,775,630	1,770,983	114,278	1,404	1,113
Tenn.....	270,160	32	64,113	600,457	0	12,326,401	11,552,779	595,338	1,647	1,153
Tex.....	1,509,186	83	237,240	960,361	1,679,937	21,625,768	14,977,461	1,054,521	1,260	856
Utah.....	56,047	6	5,426	20,475	483,678	1,432,042	1,198,395	62,195	4,829	899
Vt.....	46,170	3	2,639	17,035	0	359,478	252,161	16,380	776	682
Va.....	308,341	15	35,944	245,962	987,961	7,538,204	4,185,077	276,321	1,338	883
Wash.....	164,905	23	19,932	87,639	0	2,570,857	2,390,673	88,502	2,520	1,460
W. Va.....	5,879	1	709	4,387	0	35,604	31,867	2,413	610	564
Wis.....	405,200	31	40,708	167,650	4,684,995	2,293,527	3,219,014	176,730	1,026	915
Wyo.....	187,369	15	26,765	68,456	10,539	2,948,899	2,712,365	153,368	3,334	958
U.S.....	16,250,029	1,058	2,067,471	10,372,975	104,257,969	259,214,123	206,998,132	11,982,889	1,364	914
P.R.....	238,727	1	14,525	462,530	2,495,203	0	2,065,529	234,620	0	0
V.I.....	430	1	97	853	0	0	0	0	0	0
Total.....	16,489,186	1,060	2,082,093	10,836,358	106,753,172	259,214,123	209,063,661	12,217,509	1,364	914

<sup>1</sup> State totals represent data for borrowers incorporated within the State.<sup>2</sup> Actual funds advanced out of REA loans approved, as shown in table 616.<sup>3</sup> Cumulative.<sup>4</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1985, there were 69 such borrowers with 25,356 miles energized and 136,069 consumers served.<sup>5</sup> Includes 134,041,769 thousands of Kw.-hr. sold by one REA borrower to another.<sup>6</sup> Excludes energy sales and revenues of power sold by one REA borrower to another.<sup>7</sup> Includes rural nonfarm and farm consumers.

Rural Electrification Administration.

**Table 618.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, United States and Territories, 1970–85**

Year	Total advances as of Jan. 1 <sup>1</sup>	Statistics for borrowers in operation							Average monthly kw.-hr. consumption per consumer	
		As of Jan. 1			During year					
		Bor- rowers	Miles ener- gized <sup>2</sup>	Consum- ers served <sup>2</sup>	Kw.-hr. generated	Kw.-hr. pur- chased <sup>3</sup>	Kw.-hr. sales <sup>3</sup>	Total revenue <sup>3</sup>	All con- sumers	Residential consum- ers <sup>4</sup>
	<i>1,000 dollars</i>	<i>Num- bers</i>	<i>Miles</i>	<i>Number</i>	<i>1,000 kw.-hr.</i>	<i>1,000 kw.-hr.</i>	<i>1,000 kw.-hr.</i>	<i>1,000 dollars</i>	<i>Kw.-hr.</i>	<i>Kw.-hr.</i>
1970.....	6,261,549	1,049	1,650,240	6,196,967	23,813,687	60,478,441	76,009,289	1,309,464	948	687
1971.....	6,655,111	1,050	1,676,001	6,442,332	27,759,662	65,494,403	84,282,836	1,482,254	998	711
1972.....	7,059,553	1,048	1,700,348	6,747,698	32,290,340	70,610,260	92,534,163	1,680,718	1,063	754
1973.....	7,522,195	1,047	1,732,545	7,076,249	32,045,118	79,235,190	100,688,298	1,912,502	1,120	793
1974.....	8,070,542	1,046	1,766,701	7,457,123	32,795,053	84,520,287	105,690,807	2,316,436	1,149	803
1975.....	8,755,257	1,047	1,797,525	7,767,813	33,462,818	91,874,602	112,669,814	2,971,882	1,191	840
1976.....	9,508,607	1,050	1,827,896	8,017,654	38,660,059	100,139,618	124,004,376	3,556,049	1,254	866
1977.....	10,143,415	1,048	1,857,434	8,311,779	46,014,515	102,626,911	131,547,776	4,212,317	1,313	910
1978.....	10,868,424	1,051	1,890,173	8,630,818	52,472,215	107,477,358	141,908,005	5,009,862	1,339	937
1979.....	11,662,272	1,052	1,917,859	8,962,540	60,181,476	109,060,591	150,055,226	5,770,136	1,335	919
1980.....	12,588,246	1,050	1,950,394	9,275,086	69,536,829	111,231,691	160,243,316	6,902,533	1,361	935
1981.....	13,513,686	1,050	1,978,758	9,523,552	77,231,104	111,516,120	167,687,587	8,294,511	1,337	901
1982.....	14,454,331	1,051	2,009,504	9,844,319	81,568,123	111,574,193	172,731,820	9,691,692	1,326	905
1983.....	15,208,521	1,055	2,036,416	10,096,448	93,058,714	117,966,290	187,193,706	11,175,321	1,317	896
1984.....	15,865,444	1,060	2,057,702	10,555,401	106,753,172	125,172,354	209,063,661	12,217,509	1,364	914
1985.....	<sup>s</sup> 16,489,186	1,060	2,082,093	10,836,358						

<sup>1</sup> Cumulative from organization, May 11, 1935.<sup>2</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1985, there were 69 such borrowers with 25,356 miles energized and 136,069 consumers served.<sup>3</sup> Excludes energy sales and revenues of power sold by one REA borrower to another. Includes patronage capital.<sup>4</sup> Includes rural nonfarm and farm consumers.<sup>5</sup> Actual funds advanced out of REA loans approved, as shown in table 616.

Rural Electrification Administration.

## FOOTNOTES FOR TABLE 614

<sup>1</sup> Agricultural Cooperative Service, U.S. Department of Agriculture.<sup>2</sup> When associations marketing farm products but principally engaged in providing some other services are included, the total is 4,173.<sup>3</sup> When associations purchasing farm supplies but principally engaged in providing some other services are included, the total is 4,558.<sup>4</sup> Includes trucking, storage, grinding, locker plant, and other services.<sup>5</sup> When associations providing miscellaneous services but principally engaged in marketing or farm-supply activities are included, the total is 4,129.<sup>6</sup> Farm Credit Administration.<sup>7</sup> Represents the number of Federal land bank loans outstanding as of Dec. 31, 1983.<sup>8</sup> Cooperative associations borrowing from banks for cooperatives.<sup>9</sup> Credit Union National Association, Inc.<sup>10</sup> Rural Electrification Administration, U.S. Department of Agriculture.<sup>11</sup> Includes associations that are REA repaid borrowers.<sup>12</sup> Includes only memberships of associations financed by REA.<sup>13</sup> Agriculture Research Service, U.S. Department of Agriculture.

n.a. not available.

Agricultural Cooperative Service.



**Table 619.—Farmers Home Administration: Loans made to organizations and associations for community projects, and loans outstanding, United States and Territories, 1970-85 <sup>1</sup>**

Year	Water and waste loans			Recreation loans			Watershed and flood prevention organization loans		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1970.....	663	158,052	636,252	29	4,276	91,232	24	4,586	33,772
1971.....	892	296,303	764,581	18	1,149	97,240	20	8,678	36,658
1972.....	690	319,345	868,968			98,646	23	13,940	40,671
1973.....	688	430,439	1,010,804	1	484	103,514	12	8,917	44,224
1974.....	679	572,160	1,197,399	(2)	142	98,641	26	18,643	50,029
1975.....	648	456,125	1,453,806	(2)	46	100,640	13	19,800	54,972
1976.....	631	472,932	1,900,706	(3)	(3)	98,954	12	6,877	58,748
1977.....	1,076	693,046	2,143,117			91,140	8	5,166	60,916
1978.....	789	824,234	2,584,580			87,753	11	11,692	67,704
1979.....	846	876,650	2,908,602			* 84,649	3	4,818	* 67,550
1980.....	874	764,248	3,620,983			82,069	9	11,947	69,891
1981.....	765	603,059	4,220,819			79,400	5	14,858	70,674
1982.....	435	381,316	4,771,764			77,081	2	1,754	71,642
1983.....	522	593,298	5,392,308			73,993	0	110	73,064
1984.....	259	263,600	5,744,728			70,319	0	0	73,025
1985.....			6,187,239			66,449			75,011

  

Year	Resource conservation and development and rural renewal loans			Business and industrial development loans			Community facility loans			Economic opportunity loans to cooperatives		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1970.....	20	1,778	9,246							7	467	15,658
1971.....	20	1,615	10,790							13	1,033	15,460
1972.....	15	1,303	11,991							(5)	(5)	15,426
1973.....	22	3,409	12,531	4	1,169		2	212				14,422
1974.....	15	1,178	12,855	484	246,012		165	67,779				13,311
1975.....	14	1,741	13,842	622	408,435	757	399	276,632	8,863			12,445
1976.....	17	2,388	14,457	412	391,703	8,661	291	192,895	85,786			11,392
1977.....	8	1,006	11,764	504	377,619	11,201	282	188,397	208,381			8,566
1978.....	4	1,137	12,147	1,168	1,150,006	20,511	352	245,373	324,373			6,896
1979.....	9	1,878	* 12,942	1,275	1,104,011	* 22,256	521	274,689	* 463,623			* 6,128
1980.....	6	1,850	13,392	812	1,169,050	33,404	564	238,793	700,841			4,592
1981.....	12	1,934	14,307	385	434,787	32,916	577	219,957	937,483			4,237
1982.....	4	885	14,234	65	130,521	37,763	167	119,467	1,159,666			3,924
1983.....	3	1,207	14,397	57	114,096	38,645	129	133,961	1,363,275			3,581
1984.....		30	15,132	60	97,183	38,067	105	127,870	1,439,344			3,376
1985.....			15,530			41,954			1,508,270			2,827

<sup>1</sup> Includes loans made directly by FMHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

<sup>2</sup> Recreation association loans are made only to subsequent borrowers who received an initial loan in a prior year.

<sup>3</sup> Funding for this program is no longer available.

<sup>4</sup> Latest data available as of September 30, 1978.

<sup>5</sup> Discontinued.

Farmers Home Administration.



**Table 620.—Loans to farmers' cooperative organizations:<sup>1</sup> Outstanding amounts held by the banks for cooperatives, classified by type of loan, United States, Jan. 1, 1970-85<sup>2</sup>**

Year	Operating capital loans	Facility loans	Year	Operating capital loans	Facility loans
	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>
1970 .....	781,947	950,024	1978 .....	2,900,182	2,831,537
1971 .....	1,010,717	1,019,147	1979 .....	3,028,524	3,188,501
1972 .....	928,696	1,084,795	1980 .....	4,369,672	3,777,786
1973 .....	1,148,266	1,149,539	1981 .....	5,215,863	4,289,665
1974 .....	1,306,431	1,283,396	1982 .....	4,195,537	4,927,878
1975 .....	1,991,100	1,595,388	1983 .....	3,086,662	5,115,004
1976 .....	2,109,854	1,878,007	1984 .....	4,247,476	4,736,128
1977 .....	2,721,034	2,340,635	1985 .....	3,986,367	4,650,183

<sup>1</sup> Data for 1982 are net of unearned income.

<sup>2</sup> Includes Puerto Rico.

Farm Credit Administration.

**Table 621.—Telephones: Number of farms and percentage of all farms with telephone service and average monthly bill, United States, 1970-1984<sup>1</sup>**

Year	Number of farms with telephone service	Percentage of all farms with telephone service	Average monthly bill	Year	Number of farms with telephone service	Percentage of all farms with telephone service	Average monthly bill
	<i>Thousands</i>	<i>Percent</i>	<i>Dollars</i>		<i>Thousands</i>	<i>Percent</i>	<i>Dollars</i>
1970 .....	2,469	84	5.72	1978 .....	2,262	93	10.30
1971 .....	2,479	85	5.96	1979 .....	2,273	94	10.60
1972 .....	2,459	86	6.27	1980 .....	2,280	94	10.80
1973 .....	2,454	87	6.45	1981 .....	2,316	95	11.50
1974 .....	2,474	88	7.16	1982 .....	2,304	97	12.80
1975 .....	2,282	91	7.87	1983 .....	2,277	96	14.40
1976 .....	2,289	92	9.00	1984 .....	( <sup>2</sup> )	( <sup>2</sup> )	15.60
1977 .....	2,258	92	9.62				

<sup>1</sup> Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

<sup>2</sup> Series discontinued.

Statistical Reporting Service.

**Table 622.—Rural Electrification Administration: Annual revenues and expenses reported by electric borrowers, United States, 1970-84**

Year	Operating revenue	Operating expense	Interest expense	Depreciation and amortization expense	Net margins <sup>1</sup>	Total utility plant
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1970.....	1,535,114	1,147,002	78,108	193,030	144,191	7,175,316
1971.....	1,766,495	1,343,836	84,346	209,488	156,972	7,708,276
1972.....	2,025,431	1,556,061	93,324	224,069	185,756	8,313,088
1973.....	2,337,744	1,823,131	102,730	240,241	220,841	9,043,262
1974.....	2,905,127	2,387,240	128,036	262,013	180,481	10,109,337
1975.....	3,887,688	3,257,727	181,127	291,742	210,682	11,845,119
1976.....	4,725,869	3,976,370	214,947	328,245	264,606	14,031,055
1977.....	5,802,326	4,878,108	291,138	371,491	340,311	17,265,848
1978.....	7,038,706	5,924,401	386,331	431,372	389,250	20,352,316
1979.....	8,061,512	6,735,053	514,826	500,848	443,256	23,620,001
1980.....	9,706,783	8,149,970	706,931	588,533	396,977	28,444,246
1981.....	11,759,376	9,828,959	920,760	685,295	518,996	34,633,972
1982.....	13,982,308	11,391,946	1,328,619	803,108	853,332	40,045,511
1983.....	15,736,190	12,590,141	1,576,040	905,907	914,055	45,066,850
1984.....	18,002,160	14,537,839	1,871,276	1,009,377	1,043,918	48,277,970

<sup>1</sup> Beginning 1970, includes nonoperating margins, generation and transmission capital credits, and miscellaneous revenue deductions not shown elsewhere in this table. Prior years include nonoperating margins and miscellaneous revenue deductions. Includes patronage capital.

Rural Electrification Administration.

**Table 623.—Rural Electrification Administration: Number and percentage of farms receiving central station electric service, by States, as of Sept. 30, 1983 <sup>1</sup>**

State	Farms with service		State	Farms with service	
	<i>Number</i>	<i>Percent <sup>2</sup></i>		<i>Number</i>	<i>Percent <sup>2</sup></i>
Ala.....	53,450	99.0	Nebr.....	59,400	99.0
Alaska.....	630	97.0	Nev.....	2,450	91.0
Ariz.....	7,600	91.5	N.H.....	3,450	99.0
Ark.....	54,400	98.9	N.J.....	9,300	99.0
Calif.....	77,200	99.0	N. Mex.....	13,150	94.0
Colo.....	26,550	98.4	N.Y.....	47,500	99.0
Conn.....	4,250	99.0	N.C.....	78,200	99.0
Del.....	3,550	98.9	N. Dak.....	35,450	98.5
Fla.....	39,600	99.0	Ohio.....	89,100	99.0
Ga.....	50,500	99.0	Okla.....	73,200	98.9
Hawaii.....	4,050	90.0	Oreg.....	36,650	99.0
Idaho.....	24,350	99.0	Pa.....	57,400	99.0
Ill.....	95,050	99.0	S.C.....	7,400	99.0
Ind.....	81,200	99.0	S. Dak.....	27,650	98.7
Iowa.....	111,850	99.0	Tenn.....	36,500	98.6
Kans.....	73,200	98.9	Tex.....	94,050	99.0
Ky.....	100,000	99.0	Utah.....	182,350	97.5
La.....	35,650	99.0	Vt.....	13,850	98.8
Maine.....	7,900	99.0	Wash.....	7,250	99.0
Md.....	17,600	99.0	W. Va.....	56,450	99.0
Mass.....	6,050	99.0	Wis.....	37,600	99.0
Mich.....	62,350	99.0	Wyo.....	21,650	98.3
Minn.....	100,000	99.0		85,150	99.0
Miss.....	49,500	99.0		9,000	98.7
Mo.....	115,850	99.0	U.S.....	2,303,470	98.8
Mont.....	23,650	98.6			

<sup>1</sup> Includes service from REA borrowers and all other suppliers. Estimated by REA.

<sup>2</sup> Percentage is of the total number of farms as estimated for 1984 by the Crop Reporting Board, SRS.

Rural Electrification Administration.

**Table 624.—Electricity: Estimated average monthly kilowatt-hours used, cost per kilowatt-hour, and average monthly bill per farm, United States, 1970–84<sup>1</sup>**

Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill	Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill	Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill
	<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dollars</i>		<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dollars</i>		<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dollars</i>
1970.....	917	2.12	19.50	1975.....	1,150	3.07	35.30	1980.....	1,313	4.72	61.90
1971.....	958	2.18	20.80	1976.....	1,305	3.35	43.70	1981.....	1,307	5.34	69.80
1972.....	1,007	2.23	22.50	1977.....	1,311	3.68	48.10	1982.....	1,355	6.19	83.90
1973.....	1,048	2.31	24.20	1978.....	1,334	3.98	53.20	1983.....	1,427	6.48	92.50
1974.....	1,084	2.66	28.80	1979.....	1,299	4.24	55.10	1984.....	1,440	6.83	97.40

<sup>1</sup> Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Statistical Reporting Service.

**Table 625.—Electricity: Estimated average monthly kilowatt-hours used, cost per kilowatt-hour, and average monthly bill per farm, by States, 1983 and 1984<sup>1</sup>**

State	Average monthly kw.-hr. used		Monthly bill		Cost per kw.-hr.	
	1983	1984	1983	1984	1983	1984
	<i>Kw.-hr.</i>	<i>Kw.-hr.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>
Ala.....	1,070	1,070	73.00	73.00	6.8	6.8
Ariz.....	2,600	3,300	190.00	257.00	7.3	7.8
Ark.....	910	960	71.00	80.00	7.8	8.3
Calif.....	3,040	2,800	213.00	202.00	7.0	7.2
Colo.....	1,490	1,560	107.00	117.00	7.2	7.5
Conn.....	1,550	1,420	127.00	132.00	8.2	9.3
Del.....	1,500	1,420	125.00	126.00	8.3	8.9
Fla.....	1,660	1,600	128.00	133.00	7.7	8.3
Ga.....	1,350	1,340	81.00	91.00	6.0	6.8
Idaho.....	1,800	1,910	79.00	88.00	4.4	4.6
Ill.....	1,250	1,300	99.00	103.00	7.9	7.9
Ind.....	1,340	1,300	86.00	91.00	6.4	7.0
Iowa.....	1,650	1,450	106.00	102.00	6.4	7.0
Kans.....	1,040	1,080	70.00	82.00	6.7	7.6
Ky.....	1,100	1,040	63.00	60.00	5.7	5.9
La.....	1,580	1,420	104.00	104.00	6.6	7.3
Maine.....	1,260	1,350	86.00	101.00	6.8	7.5
Md.....	1,460	1,380	102.00	101.00	7.0	7.6
Mass.....	1,440	1,250	118.00	109.00	8.2	8.7
Mich.....	1,350	1,380	93.00	98.00	6.9	7.1
Minn.....	1,750	1,700	117.00	117.00	6.7	6.9
Miss.....	1,000	1,050	63.00	67.00	6.3	6.4
Mo.....	1,030	1,000	70.00	70.00	6.8	7.0
Mont.....	1,330	1,400	56.00	64.00	4.2	4.6
Nebr.....	1,450	1,500	81.00	86.00	5.6	5.7
Nev.....	1,950	1,900	133.00	137.00	6.8	7.2
N.H.....	1,980	1,800	158.00	112.00	8.0	8.6
N.J.....	1,200	1,180	113.00	118.00	9.4	10.0
N. Mex.....	1,250	1,200	90.00	96.00	7.2	8.0
N.Y.....	2,150	2,200	142.00	152.00	6.6	7.0
N.C.....	1,020	980	70.00	71.00	6.9	7.2
N. Dak.....	1,550	1,650	84.00	96.00	5.4	5.8
Ohio.....	1,070	1,140	75.00	82.00	7.0	7.2
Okla.....	1,120	1,100	80.00	79.00	7.1	7.2
Oreg.....	1,700	1,600	68.00	72.00	4.0	4.5
Pa.....	1,700	1,780	102.00	114.00	6.0	6.4
R.I.....	1,150	1,000	94.00	92.00	8.2	9.2
S.C.....	1,050	1,250	66.00	85.00	6.3	6.8
S. Dak.....	1,550	1,580	101.00	104.00	6.5	6.6
Tenn.....	1,120	1,180	56.00	61.00	5.0	5.2
Tex.....	1,200	1,380	90.00	104.00	7.5	7.5
Utah.....	1,230	1,120	85.00	81.00	6.9	7.2
Vt.....	2,600	2,650	185.00	200.00	7.1	7.5
Va.....	1,270	1,250	80.00	81.00	6.3	6.6
Wash.....	2,830	3,100	102.00	115.00	3.6	3.6
W. Va.....	770	800	45.00	47.00	5.8	5.9
Wis.....	2,080	2,200	139.00	150.00	6.7	6.8
Wyo.....	1,460	1,500	76.00	86.00	5.2	5.7
U.S.....	1,427	1,440	92.50	97.40	6.48	6.83

<sup>1</sup> Based on an annual survey made in July and August, reporting data from the most recent bill, usually June or July.

<sup>2</sup> State averages rounded to the nearest tenth of a cent.

Statistical Reporting Service.

**Table 626.—Rural Electrification Administration: Annual revenues, expenses, and total telephone plant reported by telephone borrowers, United States, 1970-84**

Year	Borrowers reporting	Operating revenues	Operating expenses	Interest expense	Depreciation and amortization expense	Net income or margin <sup>1</sup>	Total telephone plant <sup>2</sup>
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1970.....	808	362,694	200,917	26,250	86,348	49,281	2,084,584
1971.....	813	407,405	224,489	30,064	97,600	55,872	2,295,344
1972.....	822	464,764	256,688	33,752	110,586	62,879	2,569,301
1973.....	831	555,318	307,457	41,246	127,728	76,801	2,964,312
1974.....	848	659,732	366,052	53,830	146,475	91,261	3,422,383
1975.....	858	753,100	422,396	66,202	166,709	95,456	3,849,740
1976.....	876	899,335	703,300	85,705	195,087	112,397	4,373,731
1977.....	896	1,086,604	854,119	101,996	232,251	131,485	5,073,933
1978.....	902	1,305,261	754,020	117,455	270,383	160,807	5,769,947
1979.....	919	1,539,743	883,890	140,605	312,337	199,589	6,557,728
1980.....	936	1,757,740	1,015,255	167,764	361,059	216,356	7,388,150
1981.....	949	2,042,065	1,186,675	192,568	423,536	261,656	8,033,999
1982.....	950	2,388,847	1,407,406	215,923	483,498	313,593	8,897,003
1983 <sup>3</sup> .....	949	2,642,505	1,516,428	231,580	557,648	369,061	9,531,783
1984.....	946	2,910,194	1,665,204	247,370	603,913	453,002	10,194,739

<sup>1</sup> Includes other income and deductions (net) unregulated and extraordinary and delayed items beginning 1984.<sup>2</sup> Investment in physical plant and related facilities.<sup>3</sup> Revised data.

Rural Electrification Administration.

**Table 627.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, United States, 1970-85**

Year	Total advances as of Jan. 1 <sup>1</sup>		Operating statistics as of Jan. 1			Revenues for year ending Dec. 31
	REA	RTB	Borrowers reporting	Employees	Total subscribers	
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>
1970.....	1,412,712	.....	806	14,088	2,184,575	362,694
1971.....	1,553,050	.....	809	15,448	2,334,511	407,405
1972.....	1,697,908	.....	813	15,460	2,428,868	464,764
1973.....	1,820,970	17,492	822	16,300	2,574,814	555,318
1974.....	1,933,685	80,832	831	17,446	2,725,030	659,732
1975.....	2,070,171	207,379	848	19,580	2,919,113	753,100
1976.....	2,211,707	334,737	858	20,045	3,045,292	899,335
1977.....	2,370,610	429,329	876	21,188	3,283,223	1,086,604
1978.....	2,526,906	515,020	895	23,475	3,599,069	1,305,261
1979.....	2,674,893	660,210	902	26,270	3,877,060	1,539,743
1980.....	2,892,056	793,682	919	27,936	4,072,709	1,757,740
1981.....	3,150,443	997,293	936	28,441	4,262,359	2,042,065
1982.....	3,415,708	1,136,115	949	28,677	4,374,947	2,388,847
1983.....	3,639,548	1,242,381	950	28,805	4,545,576	2,759,681
1984 <sup>2 3</sup> .....	3,819,768	1,339,880	949	28,867	4,628,778	2,642,505
1985.....	4,002,328	1,421,596	946	28,743	4,746,909	2,910,194

<sup>1</sup> Cumulative from organization, Oct. 28, 1949.<sup>2</sup> Actual funds advanced out of loans approved, as shown in table 629.<sup>3</sup> Operating statistics and revenues revised.

Rural Electrification Administration.



**Table 628.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, as of Jan. 1, 1985 and revenues for 1983, by States and Territories <sup>1</sup>**

State and Territory	Total advances as of Jan. 1, 1985 <sup>2 3</sup>		Operating statistics as of Jan. 1, 1985		Revenues for 12 months ending Dec. 31, 1983 <sup>4</sup>
	REA	RTB	Borrowers reporting	Total subscribers	
	1,000 dollars	1,000 dollars	Number	Number	1,000 dollars
Ala.....	102,556	50,067	24	113,180	60,761
Alaska.....	56,729	53,098	13	61,333	83,856
Ariz.....	31,994	54,127	4	94,852	115,978
Ark.....	69,793	43,996	16	163,679	94,700
Calif.....	63,873	37,185	14	43,698	40,839
Colo.....	37,253	16,116	18	28,213	23,211
Conn.....	0	0	0	0	0
Del.....	0	0	0	0	0
Fla.....	38,294	32,405	6	75,085	58,071
Ga.....	183,048	83,630	27	302,293	178,642
Hawaii.....	0	0	0	0	0
Idaho.....	24,656	7,459	11	16,126	12,129
Ill.....	63,441	15,404	24	84,802	45,323
Ind.....	83,455	14,784	28	77,067	34,993
Iowa.....	113,252	22,257	83	162,814	73,678
Kans.....	141,830	34,279	32	135,617	91,614
Ky.....	182,775	35,755	16	168,323	80,435
La.....	73,570	26,315	19	86,656	60,286
Maine.....	21,790	19,452	13	61,324	35,083
Md.....	2,061	1,934	1	3,204	1,700
Mass.....	1,075	520	1	2,030	1,001
Mich.....	65,925	27,177	29	100,288	47,545
Minn.....	188,204	55,623	63	258,637	133,519
Miss.....	66,597	7,460	16	52,160	25,618
Mo.....	147,672	37,273	22	228,513	140,769
Mont.....	128,574	1,815	12	37,097	38,783
Nebr.....	77,299	18,211	34	72,562	40,660
Nev.....	5,302	7,301	4	5,692	7,955
N.H.....	10,734	4,642	5	13,811	10,154
N.J.....	14,295	12,554	3	29,327	18,646
N. Mex.....	110,242	0	8	21,439	26,734
N.Y.....	34,536	29,510	27	103,785	51,223
N.C.....	155,912	45,250	19	266,117	135,967
N. Dak.....	121,821	12,467	13	65,329	39,567
Ohio.....	20,459	3,379	14	16,582	8,213
Okla.....	162,335	70,891	29	142,140	94,163
Oreg.....	41,729	27,438	22	57,190	42,475
Pa.....	62,149	135,279	24	306,769	172,337
R.I.....	0	0	0	0	0
S.C.....	151,632	65,976	19	175,289	94,199
S. Dak.....	103,843	12,617	20	54,966	33,431
Tenn.....	184,101	50,104	21	185,113	82,196
Tex.....	334,300	92,624	53	348,396	285,812
Utah.....	22,106	3,043	6	9,626	8,579
Vt.....	4,114	6,697	5	10,037	7,089
Va.....	52,647	12,611	10	39,623	19,458
Wash.....	31,292	12,618	15	30,019	21,536
W. Va.....	42,964	13,008	7	52,586	27,750
Wis.....	201,355	101,705	86	288,983	142,080
Wyo.....	11,727	5,540	7	9,415	10,764
U.S.....	3,845,311	1,421,596	943	4,661,787	2,859,022
Guam.....	36,584	0	1	2,245	2,442
Mariana Isl.....	4,756	0	1	23,724	11,361
P.R.....	115,677	0	1	59,153	37,369
Total.....	4,002,328	1,421,596	946	4,746,909	2,910,194

<sup>1</sup> Preliminary, except total advances. State totals represent data for borrowers incorporated within the State.

<sup>2</sup> Actual funds advanced out of loans approved, as shown in table 636.

<sup>3</sup> Cumulative.

<sup>4</sup> Reported 950 borrowers.

Rural Electrification Administration.

**Table 629.—Rural Electrification Administration and Rural Telephone Bank: Telephone financing approved, route miles of line, and number of subscribers, by States, from organization (Oct. 28, 1949) to Jan. 1, 1985<sup>1</sup>**

State	Total financing as of Jan. 1, 1985				Operating statistics for year ending Dec. 31			
	Borrowers	REA loans	RTB loans	REA guarantee commit- ments	Rt. mi. of line provided for by financing (total)	Subscribers provided for by financing		
						Total	To receive initial service	To receive improved service
	Number	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Number	Number	Number
Ala.....	25	122,928	62,903	11,901	72	628	628	0
Alaska.....	13	108,440	59,391	46,943	813	11,119	11,119	0
Ariz.....	5	32,615	94,308	26,139	91	517	265	252
Ark.....	19	77,480	47,321	35,744	0	0	0	0
Calif.....	16	78,590	50,241	10,396	399	2,693	2,693	0
Colo.....	18	46,139	23,014	0	304	970	970	0
Conn.....	0	0	0	0	0	0	0	0
Del.....	0	0	0	0	0	0	0	0
Fla.....	9	42,897	50,740	76,556	542	10,530	10,530	0
Ga.....	29	211,955	109,387	88,241	822	10,319	10,319	0
Hawaii.....	0	0	0	0	0	0	0	0
Idaho.....	11	27,729	9,942	0	151	393	393	0
Ill.....	26	69,475	20,397	0	1	49	49	0
Ind.....	35	94,306	23,928	0	5	176	176	0
Iowa.....	87	127,516	33,679	9,700	155	4,268	1,292	2,976
Kans.....	34	163,445	46,236	20,440	323	2,229	1,291	938
Ky.....	17	216,820	42,187	28,840	0	0	0	0
La.....	19	87,550	42,399	13,925	23	277	277	0
Maine.....	13	26,436	29,112	1,875	173	1,632	702	930
Md.....	1	2,061	2,327	0	0	0	0	0
Mass.....	1	1,835	520	0	0	0	0	0
Mich.....	35	85,449	47,137	2,953	98	529	51	478
Minn.....	66	209,344	76,037	10,239	484	3,338	1,776	1,562
Miss.....	16	76,838	14,853	5,200	100	1,036	1,036	0
Mo.....	28	178,497	54,843	67,770	314	7,936	7,936	0
Mont.....	12	146,005	3,858	0	0	0	0	0
Nebr.....	39	99,605	25,478	0	10	131	131	0
Nev.....	4	7,603	8,319	0	0	0	0	0
N.H.....	6	11,337	16,129	0	27	469	469	0
N.J.....	3	14,295	16,554	3,084	0	0	0	0
N. Mex.....	8	138,401	3,134	0	1,067	3,564	1,577	1,987
N.Y.....	28	41,368	37,458	18,220	38	1,093	1,093	0
N.C.....	20	178,734	91,366	31,158	717	10,715	10,715	0
N. Dak.....	13	131,598	14,639	0	0	0	0	0
Ohio.....	16	26,053	5,259	0	35	177	177	0
Okla.....	31	180,791	96,299	2,744	446	4,898	4,898	0
Oreg.....	26	54,863	42,407	18,228	12	21	21	0
Pa.....	28	73,923	162,990	43,247	288	3,765	551	3,214
R.I.....	0	0	0	0	0	0	0	0
S.C.....	19	172,351	105,839	7,885	882	11,550	11,550	0
S. Dak.....	20	136,720	14,996	0	161	329	329	0
Tenn.....	21	224,540	57,580	14,358	225	3,166	3,166	0
Tex.....	59	394,691	151,062	76,131	1,458	35,807	35,807	0
Utah.....	7	33,808	6,638	0	91	621	621	0
Vt.....	5	4,785	8,038	0	0	0	0	0
Va.....	13	58,593	17,997	0	50	1,615	1,615	0
Wash.....	20	37,628	13,735	0	0	0	0	0
W. Va.....	7	59,174	16,426	5,250	113	1,159	1,159	0
Wis.....	96	229,848	131,132	23,700	108	1,476	1,476	0
Wyo.....	8	12,138	7,676	0	0	0	0	0
Guam.....	1	57,776	3,527	0	379	5,874	1,876	3,998
No. Mari- ana Isl.....	1	11,212	0	0	0	0	0	0
P.R.....	1	115,677	0	0	0	0	0	0
U.S.....	1,035	4,741,862	2,000,438	700,867	10,977	145,069	128,734	16,335

<sup>1</sup> State totals represent data for borrowers incorporated within the State.  
Rural Electrification Administration.

**Table 630.—Telephones: Average monthly local and total telephone bill by States, United States, 1982, 1983 and 1984<sup>1</sup>**

State	Average monthly local telephone bill			Average monthly total telephone bill <sup>2</sup>		
	1982	1983	1984	1982	1983	1984
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	14.70	16.40	17.00	30.40	32.80	30.50
Ariz.....	19.00	21.50	21.70	60.00	66.50	88.80
Ark.....	13.50	13.50	14.00	31.10	35.50	35.00
Calif.....	15.50	15.80	22.00	55.20	61.90	95.90
Colo.....	11.00	12.30	13.80	44.50	45.20	54.50
Conn.....	13.00	16.00	17.50	38.30	45.50	40.30
Del.....	10.90	12.30	15.30	28.50	31.30	33.40
Fla.....	13.90	14.20	14.90	39.30	42.30	49.20
Ga.....	14.70	14.90	16.60	32.00	34.70	42.10
Idaho.....	11.50	14.00	15.70	41.50	47.50	51.80
Ill.....	12.60	14.20	16.00	32.70	37.70	42.30
Ind.....	13.10	15.10	16.00	27.60	30.70	34.30
Iowa.....	11.20	12.70	13.00	32.60	35.60	33.90
Kans.....	10.40	11.20	13.60	41.60	44.10	61.00
Ky.....	15.00	17.20	18.20	28.20	30.50	33.60
La.....	15.60	16.30	16.30	40.30	44.80	43.20
Maine.....	11.60	12.70	13.80	33.80	35.00	41.30
Md.....	14.20	15.00	17.50	35.20	36.50	40.60
Mass.....	14.20	14.20	17.00	39.30	40.10	46.20
Mich.....	11.60	12.90	13.30	38.70	40.90	45.30
Minn.....	12.60	14.90	15.60	29.80	38.70	41.00
Miss.....	14.00	17.00	19.00	34.10	32.70	45.30
Mo.....	9.80	11.30	12.00	28.40	31.30	32.70
Mont.....	11.10	13.10	14.30	42.80	48.90	59.60
Nebr.....	11.60	13.30	13.60	38.40	44.10	43.80
Nev.....	9.50	10.40	14.00	36.60	55.10	71.70
N.H.....	13.00	14.70	15.00	34.50	39.30	41.80
N.J.....	13.20	13.00	14.00	40.10	37.60	41.90
N. Mex.....	15.00	18.00	20.00	50.00	61.00	54.50
N.Y.....	18.00	19.20	20.20	43.00	42.70	48.70
N.C.....	12.00	13.40	14.00	26.70	28.30	28.60
N. Dak.....	15.00	16.60	16.90	43.10	47.90	49.50
Ohio.....	13.60	15.70	16.20	29.40	30.90	34.80
Okla.....	11.20	12.20	12.50	39.30	44.80	45.40
Oreg.....	11.20	14.40	15.80	35.00	36.20	46.70
Pa.....	9.60	11.20	14.10	24.70	29.00	37.20
R.I.....	16.00	16.70	17.00	36.60	36.80	38.30
S.C.....	14.70	16.40	18.00	30.70	37.70	42.30
S. Dak.....	12.40	14.80	15.00	36.50	40.70	40.50
Tenn.....	12.70	14.60	15.90	20.50	30.10	33.00
Tex.....	13.00	15.10	16.00	38.80	52.60	58.60
Utah.....	11.40	13.80	16.00	36.60	50.20	60.00
Vt.....	11.50	12.00	12.00	40.50	39.50	38.80
Va.....	13.40	14.80	16.70	30.90	37.80	36.00
Wash.....	11.50	11.60	12.40	42.50	47.80	43.90
W. Va.....	13.80	15.40	17.60	25.20	28.50	32.30
Wis.....	12.10	14.50	15.70	29.30	38.70	39.20
Wyo.....	16.20	19.10	19.10	57.00	59.60	56.80
U.S.....	12.80	14.40	15.60	34.20	39.20	43.90

<sup>1</sup> Based on annual survey made in July and Aug. reporting data from the most recent bill, usually June or July.

<sup>2</sup> Difference between total bill and local bill is other charges (Long distance, toll charges, hook up, and extension phone).

Statistical Reporting Service.

## CHAPTER XI

# STABILIZATION AND PRICE-SUPPORT PROGRAMS

The statistics in this chapter relate to activities of the Commodity Credit Corporation, cropland diversion and production adjustment programs, and marketing agreement and order programs for fruits and vegetables. Statistics for Federal Milk Marketing Order programs are contained in chapter VIII.

**Table 631.—Commodity Credit Corporation: Price support granted on 1983 crop, United States and Territories <sup>1</sup>**

Commodity	Unit	Through Sept. 30, 1984	
		Quantity	Value
		<i>Millions</i>	<i>Million dollars</i>
Cotton, upland .....	Bale .....	5.3	1,400.6
Cotton, extra-long staple .....	..do.....		19.8
Seed cotton, upland .....	Pound.....	1.0	.4
Seed cotton, extra-long staple .....	..do.....		
Wheat .....	Bushel.....	980.9	3,649.2
Corn .....	..do.....	1,083.9	2,985.8
Honey .....	Pound.....	114.6	71.1
Milk and butterfat:			
Butter .....	Pound.....	248.1	360.0
Cheese .....	..do.....	622.8	892.2
Dried milk .....	..do.....	787.5	731.0
Tobacco .....	..do.....	382.5	878.2
Rice, rough .....	Cwt.....	61.7	497.4
Grain sorghum .....	Bushel.....	112.8	309.9
Peanuts, farmers' stock .....	Pound.....	385.9	64.3
Oats .....	Bushel.....	3.6	4.6
Barley .....	..do.....	32.2	66.5
Beans, dry edible .....	Pound.....		
Rye .....	Bushel.....	5.6	12.1
Soybeans .....	..do.....	102.8	513.3
Sugar:			
Beets .....	Pound.....	2,554.3	487.5
Cane .....	..do.....	714.1	125.3
Special purchase programs <sup>2</sup> .....	..do.....	1,946.0	377.5
<b>Total .....</b>			<b>13,446.7</b>

<sup>1</sup> Consists of loans made and acquisitions under commodity loan and purchase programs.

<sup>2</sup> Commodities included in "Special purchase programs" for 1982 crop are wheat flour, corn products, wheat products, rolled oats, vegetable oil products, blended food products, soya flour, feed for Government facilities, foundation seeds, sorghum grits, peanut products, milled rice, brown rice, and textured soya rice.

Agricultural Stabilization and Conservation Service.



Table 632.—Commodity Credit Corporation: Price-supported commodities owned as of Dec. 31, 1970-84 <sup>1</sup>

Year	Barley	Butter and butter oil	Cheese	Corn	Cotton	Dry beans	Flaxseed	Sorghum grain	Nonfat dry milk
	Million bushels	Million pounds	Million pounds	Million bushels	1,000 bales	Million cwt.	Million bushels	Million bushels	Million pounds
1970 .....	28	108	4	215	2,077	0.1	19.1	163	119
1971 .....	36	104	7	144	( <sup>3</sup> )	( <sup>2</sup> )	24.0	58	80
1972 .....	9	108	0	140	( <sup>3</sup> )	0	7.7	37	26
1973 .....	1	18	0	70	( <sup>3</sup> )	0	.1	8	2
1974 .....	( <sup>2</sup> )	17	2	6	( <sup>3</sup> )			1	172
1975 .....	( <sup>2</sup> )	3	5	( <sup>2</sup> )	( <sup>3</sup> )				442
1976 .....		21	5	( <sup>2</sup> )				( <sup>2</sup> )	453
1977 .....	( <sup>3</sup> )	198	95	1	( <sup>3</sup> )			1	708
1978 .....	1	207	35	77	( <sup>3</sup> )			37	658
1979 .....	3	177	5	100	( <sup>2</sup> )			45	529
1980 .....	4	331	244	254	( <sup>2</sup> )			44	707
1981 .....	3	449	644	248	( <sup>2</sup> )			38	944
1982 .....	5	503	945	429	( <sup>2</sup> )			47	1,377
1983 .....	11	578	1,097	1,230	1			189	1,718
1984 .....	13	401	918	296	0			106	1,489

  

Year	Oats	Peanuts <sup>4</sup>	Rice <sup>5</sup>	Rye	Soybeans	Tung oil	Wheat	Value of all commodities owned <sup>6</sup>
	Million bushels	Million pounds	Million cwt.	Million bushels	Million bushels	Million pounds	Million bushels	Million dollars
1970 .....	146	2	6.9	17.6	80	42	283	1,594
1971 .....	199	10	4.9	24.0	( <sup>2</sup> )	38	372	1,118
1972 .....	172	8	.6	29.8	0	27	267	830
1973 .....	121	( <sup>2</sup> )	( <sup>2</sup> )	15.7	0	19	139	394
1974 .....	69			2.6		1	15	188
1975 .....	36	365	( <sup>2</sup> )	( <sup>2</sup> )			( <sup>2</sup> )	402
1976 .....	3	92	19.1				( <sup>2</sup> )	634
1977 .....	( <sup>3</sup> )	( <sup>3</sup> )	18.6				34	1,104
1978 .....	2		10.4	( <sup>3</sup> )	( <sup>3</sup> )		50	1,186
1979 .....	3		8.1	( <sup>2</sup> )	( <sup>3</sup> )		50	1,237
1980 .....	3		1.7	( <sup>2</sup> )	( <sup>3</sup> )		203	2,802
1981 .....	2		( <sup>3</sup> )	( <sup>2</sup> )	( <sup>3</sup> )		191	3,779
1982 .....	1		18	( <sup>2</sup> )	14		185	5,507
1983 .....	1		24	1	23		376	10,597
1984 .....	2		26	6	3		419	6,664

<sup>1</sup> Commodities which were owned by CCC in some years but not shown in this table are as follows: Cottonseed and products, naval stores, wheat products, corn products, oat products, rice products, vegetable oil, honey, mixed feed, linseed oil, foundation seeds, and peanut products.

<sup>2</sup> Less than 500,000 units.

<sup>3</sup> Less than 50,000 units.

<sup>4</sup> Farmers' stock basis; includes farmers' stock equivalent of shelled peanuts.

<sup>5</sup> Rough basis; includes milled rice in rough equivalent.

<sup>6</sup> The total value of all commodities owned by CCC, including price-supported commodities not shown and commodities acquired under programs other than price-support programs.

Agricultural Stabilization and Conservation Service.

**Table 633.—Commodity Credit Corporation: Loans made, United States and Territories, by crop years, 1979-84 <sup>1</sup>**

Commodity	Unit	1979		1980		1981	
		Quantity pledged	Face amount	Quantity pledged	Face amount	Quantity pledged	Face amount
			<i>1,000 dollars</i>		<i>1,000 dollars</i>		<i>1,000 dollars</i>
Barley .....	1,000 bushels .....	8,527	13,317	11,109	19,429	26,593	49,693
Corn .....	1,000 bushels .....	2,170	4,682	2,327	5,493	13,463	34,297
Cotton .....	1,000 bales .....			( <sup>3</sup> )	108	26	6,385
Seed cotton .....	1,000 pounds .....						
Dry beans .....	1,000 cwt .....						
Flaxseed .....	1,000 bushels .....						
Honey .....	1,000 pounds .....	5,454	2,411	18,048	9,100	30,378	17,363
Naval stores: Rosin .....	1,000 pounds .....						
Oats .....	1,000 bushels .....	4,950	4,817	3,423	3,698	6,078	7,289
Peanuts .....	1,000 tons .....	74.0	27,587	41,257	5,376	78,189	15,392
Rice .....	1,000 cwt .....	3,211	24,119	462	3,372	5,568	49,088
Rye .....	1,000 bushels .....	766	1,240	240	442	359	720
Sorghum grain .....	1,000 bushels .....	2,933	6,006	1,183	2,631	27,727	67,964
Soybeans .....	1,000 bushels .....	11	50	22	110	1,043	5,186
Storage facility and equipment .....			678,891		362,560		225,865
Tobacco .....	1,000 pounds .....	32,370	59,351	49,026	89,310	38,486	85,100
Wheat .....	1,000 bushels .....	55,595	126,840	99,244	281,043	498,818	1,128,119

  

Commodity	Unit	1982		1983		1984	
		Quantity pledged	Face amount	Quantity pledged <sup>2</sup>	Face amount <sup>2</sup>	Quantity pledged	Face amount <sup>2</sup>
			<i>1,000 dollars</i>		<i>1,000 dollars</i>		<i>1,000 dollars</i>
Barley .....	1,000 bushels .....	28,424	61,331	10,822	22,135	27,985	55,099
Corn .....	1,000 bushels .....	15,485	45,889	369	1,058	2,290	6,270
Cotton .....	1,000 bales .....	51	13,093				
Seed cotton .....	1,000 pounds .....						
Dry beans .....	1,000 cwt .....						
Flaxseed .....	1,000 bushels .....						
Honey .....	1,000 pounds .....	39,023	23,584	30,619	19,012	42,299	27,436
Naval stores: Rosin .....	1,000 pounds .....						
Oats .....	1,000 bushels .....	3,988	5,259	1,977	1,749	2,060	2,511
Peanuts .....	1,000 tons .....	104,126	21,443	38,693	6,458	92,722	9,495
Rice .....	1,000 cwt .....	4,943	41,856	86	747	3,166	27,099
Rye .....	1,000 bushels .....	771	1,612	2,227	4,844	6,662	14,069
Sorghum grain .....	1,000 bushels .....	39,166	115,490	427	1,126	8,952	22,969
Soybeans .....	1,000 bushels .....	858	4,336				
Storage facility and equipment .....			96,217		87,803		652
Tobacco .....	1,000 pounds .....	161,444	308,330	116,490	234,208	79,744	141,095
Wheat .....	1,000 bushels .....	335,258	1,347,820	357,469	1,309,738	175,455	579,085

<sup>1</sup> Includes loans made directly by Commodity Credit Corporation.<sup>2</sup> Loans through Sept. 30, 1984.<sup>3</sup> 500 or less.

Agricultural Stabilization and Conservation Service.

Table 634.—Commodity Credit Corporation: Selected inventory transactions, programs and commodity, fiscal year 1984

Program and commodity	Unit	Quantity			Value						
		Inventory Oct. 1, 1983	Purchases	Collateral acquired from loans	Sales 1	Inventory Sept. 30, 1984	Inventory Oct. 1, 1983	Purchases	Collateral acquired from loans	Sales proceeds	Inventory Sept. 30, 1984
Feed grains:											
Barley.....	Bushel.....	Thousands 9,348	Thousands 149	Thousands 3,181	Thousands 437	Thousands 12,193	1,000 dollars 17,115	1,000 dollars 301	1,000 dollars 6,218	1,000 dollars 311	1,000 dollars 22,709
Corn.....	do.....	1,166,331	922,284	9,015	1,723,707	333,974	3,392,474	2,563,948	26,952	4,950,063	1,044,584
Corn products.....	Pound.....		242,274		274,857	196		27,100		32,088	38
Grain sorghum.....	Bushel.....	175,572	99,187	2,901	172,470	98,772	519,540	276,581	9,329	505,099	290,115
Sorghum grits.....	Pound.....		106,574		106,574			11,282		11,282	
Oats.....	Bushel.....	1,144	12	463	92	1,526	1,469	18	645	125	2,007
Oats, rolled.....	Pound.....		12,179		12,078	101		2,173		2,154	19
Rye.....	Bushel.....	493	277	3,889	28	4,617	1,071	614	8,741	59	10,250
Total feed grains.....											
							3,331,669	2,882,017	51,885	5,501,181	1,369,722
Wheat:											
Wheat.....	Bushel.....	367,999	348,117	173,243	502,904	379,126	1,533,024	1,322,177	660,806	1,995,409	1,509,971
Wheat flour.....	Pound.....		432,173		450,409	6,443		46,173		51,241	814
Wheat products, other.....	do.....	100	470,999		470,223	877	31	45,803		45,667	174
Rice, milled.....	Cwt.....	1,137	2,756		3,881	178	15,908	39,232		55,067	2,522
Rice, rough.....	do.....	23,386	21,719	22,821	39,613	28,075	188,782	178,734	180,693	323,232	222,618
Rice, brown.....	do.....		286					58		58	
Cotton, extra long staple.....	Bale.....	12		40	36	16	4,760		23,454	17,174	11,040
Upland.....	do.....	693	3,551	236	4,325	155	169,162	952,688	79,937	1,139,296	62,491
Dairy products:											
Butter.....	Pound.....	582,256	248,117		235,712	559,328	873,002	359,978		355,063	842,936
Cheese.....	do.....	1,130,809	622,705		654,853	1,144,125	1,673,525	892,108		958,015	1,632,726
Milk, dried.....	do.....	1,758,788	787,491		821,347	1,666,556	1,647,736	731,013		776,279	1,562,366
Milkfat, anhydrous.....	do.....										
Total dairy products.....											
							4,194,263	1,983,159		2,089,357	4,088,028





Table 635.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year 1984<sup>1</sup>

Commodity	Export		Domestic				Total export and domestic
	Public law 480 Title II	Total export	Dollar sales	Transfers to other Government agencies	Donations	Inventory adjustments and other recoveries (domestic)	Total domestic
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Feed grains:							
Barley.....	24,949	72,328	275	13	555	1,494	830
Corn.....	26,217	26,217	4,876,229				4,877,736
Corn products.....	14,707	14,707			5,869	2	5,871
Grain sorghum.....	11,282	11,282	489,277			1,114	490,391
Sorghum grits.....							
Oats.....	1,325	1,325	107		18		125
Oats, rolled.....	36,138	13,952			828		828
Wheat.....	38,408	38,408	1,864,152			306	1,864,458
Wheat products, other.....	43,931	43,931		31	12,818	15	12,833
Rice, milled.....	48,563	48,563	75		1,705		1,736
Rice, rough.....		11,514	311,347		6,419	371	6,505
Rice, rough and textured soy blend.....					35		35
Cotton, extra long staple and upland.....			1,156,427			43	1,156,470
Rye.....			59				59
Dairy products:							
Butter.....	10,130	68,784			278,331	985	286,279
Cheese.....	14,807	51,509	52,839		848,829	4,888	906,506
Milkfat, anhydrous.....							
Milk, dried.....	303,892	539,986	130,432	284	100,919	4,659	236,294
Oils and oilseeds:							
Peanut products.....							
Peanut butter.....				357			3,737
Peanuts, farmer's stock.....			10		5,441		5,798
Soya flour.....	491				27		3
Soybeans.....			78,866			51	491
							78,917

Blended foods.....	112,235	112,235	.....	.....	.....	40	40	112,275
Grains and seeds:								
Feed for Government facilities.....			115	306	.....	.....	306	306
Foundation seeds.....					.....	.....	115	115
Peas, dry whole.....	4,689	4,689	3,887	.....	58,612	38	62,537	4,689
Honey.....					.....	.....	.....	62,537
Sugar, cane and beet.....					.....	.....	.....	.....
Vegetable oil products.....	126,588	126,588		8	13,917	11	13,936	140,524
Total.....	818,344	1,303,018	8,971,060	999	1,334,812	13,978	10,324,086	11,627,599

<sup>1</sup> Includes donations under Sections 202, 407, 416, Section 210, PI 85-540 and miscellaneous donations under various other authorizations.

<sup>2</sup> Negative figure.

Agricultural Stabilization and Conservation Service.

Table 636.—Commodity Credit Corporation: Loan transaction for fiscal year 1984, by commodities<sup>1</sup>

Commodity	Unit	Loans outstanding Oct. 1, 1983 <sup>2</sup>	New loans made	Repayments	Collateral acquired in settlement	Loans written off <sup>3</sup>	Loans outstanding Sept. 30, 1984	
							Value <sup>2</sup>	Quantity collateral remaining pledged
Basic commodities:		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 units
Corn .....	Bushel .....	5,274	439	4,439	25	13	1,236	454
Cotton .....	Bale .....	960	499	1,301	91	1	62	0
Seed cotton .....	Pound .....							
Peanuts .....	Ton .....	6	67	67	0	5	1	5
Rice .....	Cwt. ....	191	345	326	177	0	33	4
Tobacco .....	Pound .....	1,738	795	448	0	0	2,084	1,137
Wheat .....	Bushel .....	4,162	1,605	1,710	642	2	3,414	937
Total .....		12,331	3,750	8,291	935	21	6,830	2,537
Designated nonbasic commodities:								
Barley .....	Bushel .....	256	100	73	6	1	276	129
Sorghum .....	do .....	838	57	366	8	1	520	191
Honey .....	Pound .....	40	79	5	65	0	48	76
Oats .....	Bushel .....	12	5	9	1	1	7	6
Rye .....	do .....	7	21	1	8	0	18	8
Sugar, beet .....	Pound .....	35	488	468			55	260
Sugar, cane .....	do .....	15	125	135			5	31
Total .....		1,203	875	1,057	88	3	929	701
Other nonbasic commodities:								
Soybeans .....	Bushel .....	542	505	945	8	4	90	18
Total .....		542	505	945	8	4	90	18
Other loans:								
Storage facility and equipment .....		1,008	1	288		5	716	
Total .....		1,008	1	288		5	716	
Grand total .....		15,084	5,131	10,581	1,031	33	8,565	3,256

<sup>1</sup> Loans made directly by Commodity Credit Corporation.<sup>2</sup> Book value of outstanding loans; includes face amounts and any charges paid.<sup>3</sup> Includes transfers to accounts receivable.

Agricultural Stabilization and Conservation Service.

Table 637.—Commodity Credit Corporation: Commodities outstanding under price-support loan as of Dec. 31, 1970-84 <sup>1</sup>

Year <sup>2</sup>	Barley	Corn	Cotton <sup>3</sup>	Dry beans	Flaxseed	Sorghum grain	Oats
	<i>Million bushels</i>	<i>Million bushels</i>	<i>1,000 bales</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1970.....	100	454	1,492	1.1	8.9	43	235
1971.....	108	761	572	.7	5.6	114	223
1972.....	97	735	2,411	.7	.4	58	199
1973.....	22	190	900	.1	.1	14	46
1974.....	4	49	960	.1	(*)	2	3
1975.....	6	110	333			6	3
1976.....	12	206	2,186			16	4
1977.....	65	765	2,576			157	60
1978.....	94	1,038	919			149	68
1979.....	73	801	710			83	46
1980.....	35	966	851			24	9
1981.....	53	1,234	1,485			131	7
1982.....	101	2,400	5,561			402	9
1983.....	124	1,450	3,134			254	8
1984.....	144	1,056	1			221	6

  

Year <sup>2</sup>	Peanuts	Rice	Rye	Soybeans	Tobacco	Wheat	Value of all loans outstanding <sup>5</sup>
	<i>Million pounds</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million pounds</i>	<i>Million bushels</i>	<i>Million dollars</i>
1970.....	768	15.4	8.2	144	1,224	477	2,973
1971.....	882	23.4	14.8	140	1,061	486	3,186
1972.....	878	15.0	12.8	71	746	305	2,438
1973.....	956	13.6	.6	99	561	32	11,266
1974.....	995	6.1	.1	19	305	20	681
1975.....	1,135	8.9	.1	(*)	335	32	871
1976.....	841	10.5	.1	13	585	223	1,786
1977.....	302	15.0	.6	68	665	740	5,414
1978.....	243	19.1	2.5	44	644	588	5,655
1979.....	608	20.2	2.1	73	686	373	4,955
1980.....	294	20.5	.4	72	678	366	4,783
1981.....	530	16.3	.3	161	596	660	7,807
1982.....	249	53.7	1.2	358	809	1,121	17,917
1983.....	228	45.0	4.6	81	1,028	1,107	12,801
1984.....	217	45.0	10.0	178	1,243	911	11,021

<sup>1</sup> Commodities which were under loan on Dec. 31 in some years but not shown in this table are as follows: Cottonseed, honey, naval stores, tung oil, and almonds.

<sup>2</sup> Not necessarily from the crop of the year shown; may include quantities under resale from crop of previous years.

<sup>3</sup> Includes extra-long staple.

<sup>4</sup> Less than 500,000 units.

<sup>5</sup> Value of all commodities outstanding under loan, including those not shown.

Agricultural Stabilization and Conservation Service.



Table 638.—Commodity Credit Corporation: Investment in price-support operations, by quarters, 1970-84

Date	Inventory after revaluation	Loans held CCC	Loans financed by lending agencies	Total loans outstanding	Total investment
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1970:					
March.....	1,696.6	3,529.0	195.7	3,724.7	5,421.3
June.....	1,858.1	2,788.3		2,788.3	4,646.4
September.....	1,894.0	2,294.5		2,294.5	4,188.5
December.....	1,593.5	2,973.4		2,973.4	4,566.9
1971: <sup>1</sup>					
March.....	1,208.7	2,838.8		2,838.8	4,047.5
June.....	1,207.9	1,850.1		1,850.1	3,058.0
September.....	1,229.9	1,971.8		1,971.8	3,201.7
December.....	1,118.2	3,186.0		3,186.0	4,304.2
1972:					
March.....	1,055.0	3,122.0		3,122.0	4,177.0
June.....	1,090.1	2,277.4		2,277.4	3,367.5
September.....	972.3	1,955.1		1,955.1	2,927.4
December.....	829.6	2,438.4		2,438.4	3,268.0
1973:					
March.....	660.0	2,088.7		2,088.7	2,748.7
June.....	478.7	1,143.9		1,143.9	1,622.6
September.....	439.4	703.9		703.9	1,143.3
December.....	393.7	1,265.9		1,265.9	1,659.6
1974:					
March.....	359.3	885.8		885.8	1,245.1
June.....	114.2	449.2		449.2	563.4
September.....	172.8	394.6		394.6	567.4
December.....	188.2	681.8		681.8	870.0
1975:					
March.....	253.5	619.2		619.2	872.7
June.....	416.1	333.6		333.6	749.7
September.....	453.7	506.5		506.6	960.2
December.....	402.4	871.0		871.0	1,273.4
1976:					
March.....	555.8	762.2		762.2	1,318.0
June.....	658.6	480.5		480.5	1,339.1
September.....	607.2	707.7		707.7	1,314.9
December.....	634.3	1,786.5		1,786.5	2,420.8
1977:					
March.....	682.9	1,990.5		1,990.5	2,673.4
June.....	824.9	2,142.7		2,142.7	2,967.6
September.....	984.9	3,009.0		3,009.0	3,993.9
December.....	1,104.4	5,414.0		5,414.0	6,518.4
1978:					
March.....	1,052.5	5,827.9		5,827.9	6,880.4
June.....	1,068.3	4,591.3		4,591.3	5,659.6
September.....	1,029.0	4,230.4		4,230.4	5,259.4
December.....	1,185.9	5,655.6		5,655.6	6,841.5
1979:					
March.....	1,186.2	6,245.4		6,245.4	7,431.6
June.....	1,192.4	5,328.4		5,328.4	6,520.8
September.....	1,162.2	3,885.8		3,885.8	5,048.0
December.....	1,236.8	4,954.6		4,954.6	6,191.5
1980:					
March.....	1,484.3	5,374.9		5,374.9	6,859.2
June.....	2,486.0	4,765.4		4,765.4	7,251.4
September.....	2,737.0	3,648.7		3,648.7	6,385.7
December.....	2,802.2	4,783.0		4,783.0	7,585.2
1981:					
March.....	3,066.9	5,629.3		5,629.3	8,696.2
June.....	3,587.9	3,858.5		3,858.5	7,446.4
September.....	3,726.8	3,789.7		3,789.7	7,516.5
December.....	3,778.7	7,807.4		7,807.4	11,586.1
1982:					
March.....	4,106.4	11,070.3		11,070.3	15,176.7
June.....	4,623.0	9,676.2		9,676.2	14,299.2
September.....	5,103.2	10,423.6		10,423.6	15,526.8
December.....	5,506.9	16,789.4		16,789.4	22,296.3
1983:					
March.....	5,901.5	19,389.1		19,389.1	25,290.6
June.....	7,165.2	17,222.9		17,222.9	24,388.1
September.....	10,227.4	14,075.8		14,075.8	24,303.2
December.....	10,596.6	12,801.1		12,801.1	23,397.7
1984:					
March.....	9,967.5	11,366.1		11,366.1	21,333.6
June.....	8,001.6	8,782.4		8,782.4	16,784.0
September.....	7,855.5	7,358.2		7,358.2	15,213.7

<sup>1</sup> Since 1971, reflects total CCC loans and inventories.  
Agricultural Stabilization and Conservation Service.

**Table 639.—Agricultural Stabilization and Conservation programs: Payments received, by States, 1984**

State	Payments	State	Payments	State	Payments
	<i>1,000 dollars</i>		<i>1,000 dollars</i>		<i>1,000 dollars</i>
Ala.....	26,774	Md.....	5,799	R.I.....	196
Alaska.....	180	Mass.....	2,861	S.C.....	18,008
Ariz.....	29,593	Mich.....	50,332	S. Dak.....	126,495
Ark.....	132,124	Minn.....	215,017	Tenn.....	38,360
Calif.....	153,345	Miss.....	63,672	Tex.....	410,943
Colo.....	98,859	Mo.....	97,862	Utah.....	25,091
Conn.....	2,596	Mont.....	206,513	Vt.....	8,194
Del.....	894	Nebr.....	168,166	Va.....	14,879
Fla.....	25,316	Nev.....	3,995	Wash.....	148,527
Ga.....	39,321	N.H.....	1,614	W.Va.....	3,452
Hawaii.....	607	N.J.....	2,620	Wisc.....	94,889
Idaho.....	110,204	N.M.....	28,010	Wyo.....	21,564
Ill.....	89,695	N.Y.....	33,841	P.R.....	520
Ind.....	45,488	N.C.....	17,183	V.I.....	18
Iowa.....	141,489	N. Dak.....	367,256	Undistributed.....	0
Kans.....	383,689	Ohio.....	52,598		
Ky.....	31,058	Okla.....	211,020		
La.....	65,371	Oreg.....	64,278		
Maine.....	3,726	Penn.....	21,690		
				Total <sup>1</sup> .....	3,905,813

<sup>1</sup> Total may not add due to rounding.

Agricultural Stabilization and Conservation Service.

**Table 640.—Agricultural Stabilization and Conservation Service program: Payments to producers, by program and commodity, United States, 1980-84**

Program and commodity	1980	1981	1982	1983	1984
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Feed grain.....	382,061	242,950	713,315	1,346,033	366,739
Rice.....	1,948	1,751	155,111	277,628	191,783
Wheat.....	211,344	624,546	652,108	864,179	1,795,151
Cotton, upland.....	171,762	221,964	720,211	662,289	274,658
Wool and mohair.....	31,030	37,808	46,042	85,550	117,578
Milk indemnity.....	51	40	14	6,121	536,072
Beekeepers indemnity.....	1,588	118	335		
Appalachian region conservation.....	455				
Agricultural conservation (REAP, RECP).....	176,561	176,629	161,622	165,624	165,541
Forestry incentive.....	17,288	16,864	11,799	9,107	9,668
Emergency conservation measures.....	22,163	9,494	3,916	9,926	14,591
Drought and flood conservation.....	276	6	10		
Waterbank.....	8,503	9,824	10,347	10,136	9,785
Emergency feed.....	86,846	266,677	12,186	26,006	42
Emergency livestock feed.....					
Extended storage.....	160,353	309,597	907,758	55,241	333,075
Potato diversion.....	1,105				
Grand total.....	1,273,334	1,918,268	3,394,774	4,040,856	3,905,813

<sup>1</sup> Prior year adjustments.<sup>2</sup> Credit.

Agricultural Stabilization and Conservation Service.

Table 641.—Commodity Credit Corporation: Loans made in fiscal year for 1984, by States and Territories <sup>1</sup>

State or Territory	Barley	Corn	Cotton	Sorghum	Peanuts	Tobacco	Wheat	Other <sup>2</sup>	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....		334	5,783	29	14		4,230	2,726	13,116
Alaska.....							2		2
Ariz.....		651	60,359		43		4,721	973	66,747
Ark.....		118	29,492	221			43,381	137,594	210,806
Calif.....	145		96,148	17			22,691	130,259	249,260
Colo.....	631	12,555		679			71,645	172,276	257,786
Conn.....		65							65
Del.....	5	74							517
Fa.....		326	289	3	657		524	101,817	103,616
Ga.....	37	3,027	3,842	12	28,675		17,740	8,242	61,575
Hawaii.....								466	466
Idaho.....	5,469						90,936	1,358	97,763
Ill.....		27,750		263			29,048	71,007	128,068
Ind.....		18,575					13,032	32,960	64,567
Iowa.....		89,817					512	124,326	214,655
Kans.....	39	10,811		11,111			461,924	8,493	492,378
Ky.....	14	1,155		54		424,563	6,173	3,950	435,909
La.....			36,589				1,867	56,381	94,837
Maine.....	8						2	349	359
Md.....	22	1,077					416	709	2,224
Mass.....		48				1,659		9	1,716
Mich.....	6	16,110					13,950	43,073	73,139
Minn.....	18,831	68,972					95,743	219,323	402,869
Miss.....		67	114,829	23			8,175	39,723	162,817
Mo.....	3	6,261	3,044	2,185			66,954	43,933	122,380
Mont.....	8,712	12					113,966	1,290	123,980
Nebr.....	15	93,964		9,745			78,649	22,586	204,959
Nev.....	20						827	29	876
N.H.....								7	7
N.J.....		475					305	443	1,223
N. Mex.....		851	7,457	286	4		18,678	188	27,464
N. Y.....	16	7,900					2,716	2,136	12,768
N.C.....	35	3,155	4,952	10	555	371,494	5,777	4,771	390,749
N. Dak.....	22,778	6,186					199,840	29,962	258,766
Ohio.....	8	9,544				696	25,532	20,678	56,458
Okla.....		112	4,230	905			259,821	464	265,532
Oreg.....	920						80,260	317	81,497
Pa.....	5	997					440	753	2,195
P.R.....						1,027			1,027
S.C.....	5	1,809	4,416				5,760	3,205	15,195
S. Dak.....	5,876	14,200		1,574			114,950	24,556	161,156
Tenn.....		913	2,425	155		78,104	9,384	6,171	97,152
Texas.....		9,799	93,262	6,049	8,691		254,280	50,640	422,721
Utah.....	258	4					4,321	144,962	149,545
Vt.....		5						3	8
Va.....	76	1,196	2		25,682	488	2,592	1,812	31,848
Wash.....	2,090	185					187,933	1,018	191,226
W. Va.....		294					10	12	316
Wis.....	10	12,281				174	1,001	6,517	19,983
Wyo.....	151	134					6,168	95	6,548
Total.....	66,185	421,809	467,119	33,321	64,321	878,205	2,327,010	1,522,866	5,780,836

<sup>1</sup> Loans made directly by Commodity Credit Corporation. As far as possible, loans have been distributed according to the location of producers receiving the loans. Direct loans to cooperative associations for the benefit of members have been distributed according to the location of the association.

<sup>2</sup> Includes storage facility loans.

Agricultural Stabilization and Conservation Service.

Table 642.—Fruit, vegetable, and tree nut marketing agreement and order programs

Program	Estimated number of commercial producers	Farm value
	Number	1,000 dollars
Citrus fruits (1983-84 season):		
California and Arizona Navel and miscellaneous oranges .....	3,962	190,105
California and Arizona Valencia oranges .....	3,495	225,705
California and Arizona lemons .....	2,900	115,478
Florida oranges, grapefruit, tangerines, and tangelos <sup>1</sup> .....	15,000	989,721
Florida limes .....	2,900	17,504
Texas oranges and grapefruit .....	1,500	20,877
Deciduous fruits (1984 season):		
California Bartlett pears, plums, and freestone peaches .....	2,800	142,737
California nectarines .....	815	41,692
California olives .....	1,415	48,315
California desert grapes .....	75	61,485
California Tokay grapes .....	400	22,639
California kiwifruit (implemented 10-2-84) .....	1,100	17,729
Colorado peaches .....	140	2,159
Florida avocados .....	430	11,553
Georgia peaches .....	100	19,885
Washington apricots .....	190	1,665
Washington sweet cherries .....	1,115	40,654
Washington peaches .....	390	9,239
Washington, Oregon, and California winter pears .....	1,835	67,523
Washington and Oregon Bartlett pears .....	1,900	31,565
Washington and Oregon prunes .....	375	4,742
Cranberries .....	900	172,231
Tart cherries .....	2,500	59,969
Hawaiian papayas .....	300	9,196
Dried fruits (1984 season):		
California dates .....	150	18,360
California dried prunes .....	1,700	102,860
California raisins .....	5,600	186,570
Vegetables (1983-84 season):		
Florida celery .....	19	64,546
Florida tomatoes .....	195	366,678
Idaho and eastern Oregon onions .....	337	70,380
Texas lettuce .....	40	2,705
South Texas melons .....	72	43,290
South Texas onions .....	165	65,621
Texas tomatoes .....	22	3,510
Potatoes (1983-84 season):		
Colorado .....	330	99,098
Idaho and eastern Oregon .....	2,150	461,634
Maine .....	850	141,000
Oregon and Northern California .....	469	53,671
Southeastern States (Virginia-North Carolina) .....	145	34,826
Washington .....	361	229,840
Nuts (1984 season):		
California almonds .....	7,385	470,270
California walnuts .....	7,000	160,602
Oregon Washington filberts .....	1,063	8,321
Peanuts <sup>2</sup> .....	46,951	1,117,817
Hops (1984 season) .....	226	120,526
Spearmint oil (1984 season) <sup>3</sup> .....	365	19,496
Total (48 Programs) .....	( <sup>4</sup> )	6,165,989

<sup>1</sup> Includes Indian River and Interior grapefruit programs.<sup>2</sup> Marketing agreement only; covers States of Alabama, Florida, Georgia, Mississippi, South Carolina, Arizona, Arkansas, California, Louisiana, New Mexico, Oklahoma, Texas, Missouri, North Carolina, Tennessee, and Virginia.<sup>3</sup> Marketing order regulating the handling of spearmint oil produced in the states of Washington, Idaho, Montana, Nevada, Utah, Oregon, and California. Farm value represents a two State value for Idaho and Washington.<sup>4</sup> Total not shown because of duplication by producers growing more than one commodity.

Agricultural Marketing Service.



## CHAPTER XII

# AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Statistics in this chapter concern conservation of various resources, particularly soil, water, and timber. Forestry statistics include area of private and public-owned forest land, timber production, imports and exports, pulpwood consumption and paper and board production, area burned over by forest fires, livestock grazing, and recreational use of national forest lands. Data on production, supply, and distribution of naval stores are included because of their close association with forestry statistics.

**Table 643.—Agricultural Conservation Program and Emergency Conservation Program:<sup>1</sup> Assistance to farmers for carrying out conservation and pollution abatement practices, United States and Caribbean area, by program years, 1970-78 and fiscal years 1979-84**

Year	Agricultural Conservation Program <sup>2</sup>	Emergency Conservation Program	Total
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1970.....	181,186	8,536	189,722
1971.....	146,706	15,124	161,831
1972.....	196,753	4,232	200,985
1973.....	195,600	24,930	220,529
1974.....	74,475	8,560	83,035
1975.....	138,700	7,405	146,105
1976.....	134,731	15,142	149,873
1977.....	175,347	18,952	194,299
1978.....	180,940	16,318	197,258
1979 <sup>3</sup> .....	245,843	23,418	269,261
1980.....	183,686	21,818	205,504
1981.....	193,209	15,410	208,619
1982.....	168,339	4,251	172,590
1983.....	184,986	10,300	195,286
1984.....	160,278	12,638	172,916

<sup>1</sup> From 1971 to 1973, the Rural Environmental Assistance Program was successor to the Agricultural Conservation Program. In 1974, the Rural Environmental Conservation Program was successor to REAP. In 1975, ACP was successor to RECP.

<sup>2</sup> Excludes administrative expenses. Includes Naval Stores Conservation Program, 1970-72. Includes Forestry Incentive Program in 1974, and Long-Term Agreements from 1975.

<sup>3</sup> Because of the change to fiscal year funding in 1979, data for the period October 1, 1978-December 31, 1978 is included in the 1978 program year and the 1979 fiscal year.

Agricultural Stabilization and Conservation Service. Totals are from unrounded data.

Table 644.—Agricultural Conservation Program and Emergency Conservation Program:  
Participation and assistance, by States and Caribbean area, 1984 fiscal year

State or Territory	Agricultural conservation program					Emergency conservation program		
	Participating farms	Area served	Assistance			Participating farms	Area served	Assistance
			Regular	Long term	Total assistance			
	Number	1,000 acres	1,000 dollars	1,000 dollars	1,000 dollars	Number	1,000 acres	1,000 dollars
Ala.....	4,073	120	3,104	730	3,834	80	5	88
Alaska.....	48	3	110	39	149			
Ariz.....	534	398	1,151	126	1,277	283	305	4,082
Ark.....	4,247	163	2,604	381	2,985	19	5	70
Calif.....	1,510	128	3,554	316	3,870	346	96	2,597
Colo.....	2,067	321	3,350	487	3,837	275	46	308
Conn.....	815	17	177	25	202	11	( <sup>1</sup> )	29
Del.....	408	21	205	19	224			
Fla.....	3,171	150	2,566	319	2,885			
Ga.....	5,915	123	3,416	346	3,762	52	2	90
Hawaii.....	264	32	470	63	533	9	1	23
Idaho.....	1,503	116	2,213	408	2,621	5	1	10
Ill.....	4,287	92	5,203	916	6,119	7	( <sup>1</sup> )	
Ind.....	4,974	137	3,469	433	3,902			
Iowa.....	6,604	153	5,899	642	6,541	91	1	58
Kans.....	3,483	178	3,378	664	4,042			
Ky.....	5,913	110	3,027	651	3,678	61	( <sup>1</sup> )	55
La.....	4,561	193	2,784	354	3,138			
Maine.....	1,259	30	1,042	393	1,435			
Md.....	627	10	589	345	934			
Mass.....	822	17	317	32	349	11	( <sup>1</sup> )	31
Mich.....	6,013	187	3,072	305	3,377			
Minn.....	5,523	208	4,682	424	5,106	1	( <sup>1</sup> )	2
Miss.....	4,927	93	3,448	491	3,939	268	10	347
Mo.....	7,084	154	6,134	431	6,565	9	( <sup>1</sup> )	3
Mont.....	2,586	793	3,613	489	4,102			
Nebr.....	3,631	306	3,033	815	3,848	172	9	217
Nev.....	292	42	534	219	753	69	22	313
N.H.....	527	22	386	49	435	7	( <sup>1</sup> )	9
N.J.....	816	41	313	25	338			
N. Mex.....	1,194	575	1,612	235	1,847	6	2	38
N.Y.....	3,600	80	3,144	459	3,603	6	( <sup>1</sup> )	22
N.C.....	20,437	298	2,969	295	3,264	236	17	176
N. Dak.....	4,661	340	3,202	347	3,549			
Ohio.....	5,157	102	2,743	362	3,105			
Okl.....	4,771	274	4,106	402	4,508	393	98	789
Oreg.....	1,655	211	2,749	378	3,127	35	8	114
Pa.....	3,892	71	2,731	301	3,032	64	1	39
R.I.....	189	3	69	12	81			
S.C.....	3,128	105	1,753	215	1,968	28	3	43
S. Dak.....	3,790	280	1,829	181	2,010	63	3	72
Tenn.....	7,169	142	3,493	487	3,980	51	6	133
Tex.....	10,517	1,255	11,730	1,341	13,071	132	26	497
Utah.....	1,103	184	1,838	1,771	3,609	615	86	1,565
Vt.....	606	12	830	61	891	43	1	40
Va.....	5,676	105	2,090	200	2,290			
Wash.....	2,145	180	3,346	428	3,774	8	1	78
W. Va.....	3,692	44	1,038	140	1,178			
Wis.....	4,764	80	3,362	356	3,718	16	( <sup>1</sup> )	12
Wyo.....	651	174	1,001	347	1,348	23	6	50
U.S.....	177,281	8,873	129,478	19,255	148,733	3,495	761	12,024
P.R.....	583	9	379	46	425			
V.I.....	11	1	17	0	17			
Total.....	177,875	8,883	129,874	19,301	149,175	3,495	761	12,024

<sup>1</sup> Less than 500 acres served.

Agricultural Stabilization and Conservation Service. Totals are the sum of rounded data.

Table 645.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1984 fiscal year

State or Territory	Regular annual agreements						
	Diversions (area served)	Conservation tillage	Permanent wildlife habitat (area served)	Sediment retention, erosion, or water control structures	Sod waterways (area served)	Windbreaks (area served)	Irrigation water conservation (area served)
	Acres	Acres	Acres	Number	Acres	Acres	Acres
Ala.....	579	26,956	368	51	1,585		
Alaska.....		973			10		
Ariz.....				119		40	14,819
Ark.....	57	8,681		578	4		42,935
Calif.....	1,485	5,053		142		59	56,293
Colo.....	991	14,118	107	71	140	3,175	47,840
Conn.....		1,307			1	5	
Del.....		16,029	2	13	10	39	
Fla.....	52	3,190		652	420		7,248
Ga.....	185	3,268	100	2	3,070		
Hawaii.....	91			4	437	202	708
Idaho.....	86	14,953	24	99	1,015	119	29,871
Ill.....	1,056	24,949	48	481	10,508	173	
Ind.....	559	52,880	132	1,284	9,925	69	
Iowa.....	239	67,309	760	215	7,216	496	
Kans.....	2,260	4,380	496	39	5,100	341	10,115
Ky.....	1,249	25,448	10	107	5,367		
La.....		33,536		1,504	1,939		7,999
Maine.....	653	6,785		44	1,361		
Md.....	261	229		54	1,074		
Mass.....	18	1,075		5	39	1	57
Mich.....	2,046	65,236	4,603	260	5,875	1,172	
Minn.....	45,506	74,780	2,949	197	6,939	20,706	
Miss.....	1,528	18,353	41	1,372	501		
Mo.....	1,378	8,703		295	5,634		
Mont.....	8	39,135	217	3	10,818	1,624	34,603
Nebr.....	2,451	3,952	9	73	6,654	3,650	15,311
Nev.....				66		39	21,253
N.H.....	94	96	13	6	71		
N.J.....	110	361		4	570	105	14
N. Mex.....	3,901	5,615		247		234	18,991
N.Y.....	1,474	23,731	49	27	705	101	219
N.C.....	194	45,229	1	45	2,420	289	
N. Dak.....	2,434	240	6,931	5	20,378	44,616	365
Ohio.....	202	45,018	91	1,194	6,607	225	
Okla.....	10,339	1,405	2	279	24,342	57	7,809
Oreg.....	2,830	38,537	13	110	1,553	123	33,236
Pa.....	2,598	8,517	3	104	3,248	1	
R.I.....	3	14		3	15		
S.C.....	17	38,709			957		
S. Dak.....	93	31,840	3,339	1	1,428	13,523	890
Tenn.....	2,146	51,296	15	789	2,185		
Tex.....	9,050	3,953	6	269	24,778	69	126,662
Utah.....	376			23			28,338
Vt.....	376	1,314	583	87	255	2	
Va.....	105	25,509	55	10	2,193		
Wash.....	710	78,458	7	72	926	193	13,064
W. Va.....	16	1,558	3		33		
Wis.....	1,040	26,664	1,278	90	8,588	195	
Wyo.....		946		1		95	28,008
U.S.....	100,846	950,268	22,255	11,096	186,894	91,738	546,648
P.R.....	5						
V.I.....							
Total.....	100,851	950,268	22,255	11,096	186,894	91,738	546,648

Table 645.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1984 fiscal year—Continued

State or Territory	Regular annual agreements—Continued						
	Establishing permanent cover	Improving permanent cover	Planting trees	Timber stand improvement	Water impoundment reservoirs	Strip-cropping	Terrace systems (area served)
	Acres	Acres	Acres	Acres	Number	Acres	Acres
Ala.....	18,187	1,788	5,388	1,599	29		6,242
Alaska.....	517	127	6				
Ariz.....	28	168,400			4		
Ark.....	12,299	29,685	500	102	762		14
Calif.....	1,270	16,913	305	129	8		
Colo.....	4,667	23,087	50	22	29		15,909
Conn.....	1,148	159	14	68	1	51	
Del.....	207		6				15
Fla.....	16,523	9,928	7,918	1,480			561
Ga.....	16,014	21,942	6,275	832	65		11,560
Hawaii.....	179	7,717			5		879
Idaho.....	5,334	12,712	54	109	8	172	4,312
Ill.....	7,744	2,879	123	474	67	3,741	9,979
Ind.....	10,684	5,121	385	1,733	100		1,426
Iowa.....	13,492	7,307	190	50	90	6,407	16,875
Kans.....	4,455	2,974	2		47		65,842
Ky.....	26,060	10,865	169	142	75	598	422
La.....	10,702	22,812	521	9	40		925
Maine.....	1,779	337	1,060	1,071		206	22
Md.....	545	324	752	202	6	1,366	28
Mass.....	894	76	34	156	1		
Mich.....	30,126	1,514	2,342	277	1	453	
Minn.....	10,502	524	3,582	675	327	5,218	4,220
Miss.....	18,474	8,675	1,683	177	707		3,678
Mo.....	32,411	19,792	121	460	315	121	20,224
Mont.....	38,093	135,142	5	492	34	14,136	
Nebr.....	3,853	14,552	22		66	2,101	27,781
Nev.....	319	4,017					
N.H.....	1,115	347	5	576		42	53
N.J.....	1,865	19	2		2	37	150
N. Mex.....	1,748	37,351		109	9		2,083
N.Y.....	13,303	431	689	543	4	4,313	159
N.C.....	7,417	36,237	1,725	164	13		581
N. Dak.....	43,532	503	45	2	71	4,476	1,383
Ohio.....	8,384	11,828	261	500	8	197	5
Okla.....	42,387	5,344	163		1,045		35,231
Oreg.....	6,573	42,782	1,816	2,211	22		18,750
Pa.....	12,195	5,583	216	570	3	14,001	943
R.I.....	19	41	10	14			9
S.C.....	5,005	6,341	4,123	1,657	28	2,095	582
S. Dak.....	53,265	11,486	10	20	63	9,193	3,330
Tenn.....	27,379	13,255	164	15	617	113	3,779
Tex.....	71,996	225,689	852	121	860		52,338
Utah.....	1,407	83,725			2		2,451
Vt.....	2,681			87	2	176	
Va.....	8,931	23,045	1,646	255	45	620	110
Wash.....	9,881	16,744	2,292	4,159	11	10,974	3,330
W. Va.....	1,589	26,814	74	61	36		
Wis.....	9,016	665	5,351	1,482	13	11,102	935
Wyo.....	3,092	25,620		33	6		88
U.S.....	619,296	1,103,219	50,951	22,838	5,647	92,287	317,204
P.R.....	635	2,123	118	2	1		837
V.I.....	125	551					
Total.....	620,056	1,105,893	51,069	22,840	5,648	92,287	318,041



Table 645.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1984 fiscal year—Continued

State or Territory	Long-term agreements						
	Diversions (area served)	Conservation tillage	Permanent wildlife habitat (area served)	Sediment retention, erosion, or water control structures	Sod waterways (area served)	Windbreaks (area served)	Irrigation water conservation (area served)
	Acres	Acres	Acres	Number	Acres	Acres	Acres
Ala.....	164	1,543	27	66	794		
Alaska.....	10	744				174	
Ariz.....							1,978
Ark.....	20	101	3	13	74		7,616
Calif.....	51		60	30		640	5,944
Colo.....	92	160		16	160		6,528
Conn.....	10	22		1	2		
Del.....		254					
Fla.....		354		158			2,559
Ga.....	52	163		2	367		
Hawaii.....	30					8	
Idaho.....	59	3,992	6	84	692		2,635
Ill.....	215	1,578	4	64	250	1	
Ind.....	110	1,108	12	336	759	2	
Iowa.....	41	284		23	41	3	
Kans.....	166	421		6	715	6	54
Ky.....	963	287	1	83	2,071		
La.....				93	130		4,441
Maine.....	567	4,842		9	597		
Md.....	17				41		
Mass.....		45					45
Mich.....	87	2,981	60	34	994	44	
Minn.....	92	1,982	277	21	191	366	
Miss.....	155	863		44	214		
Mo.....	182	734	30	19	331		
Mont.....	200			1	811		6,471
Nebr.....	159	92		32	1,431	267	390
Nev.....							5,804
N.H.....	17				12		
N.J.....		14			27	5	26
N. Mex.....	2,150			8	320		1,132
N.Y.....	648	1,463		13	413		16
N.C.....	53	496	327	2	354		
N. Dak.....	103	18,228	27		592	839	20
Ohio.....	68	1,362	18	31	731	20	
Okla.....	1,187		80	41	607		2,008
Oreg.....	231	3,473	6	18	550		891
Pa.....	784	61	1	9	658		
R.I.....	4	20		1	3		
S.C.....	5	1,242		1	217		
S. Dak.....		1,710	129		160	1,042	497
Tenn.....	202	4,476		62	395		
Tex.....	1,903	159		5	2,361		5,149
Utah.....			16	3			12,334
Vt.....	96	2		8	25		
Va.....	121	319	80	1	175	38	
Wash.....		1,063		2	1	41	2,188
W. Va.....	14	10		1	5		
Wis.....	153	585	37	25	1,360	2	
Wyo.....		1,708				20	4,637
U.S.....	11,181	58,941	1,201	1,366	19,631	3,518	73,363
P.R.....							
V.I.....							
Total.....	11,181	58,941	1,201	1,366	19,631	3,518	73,363

Table 645.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1984 fiscal year—Continued

State or Territory	Long-term agreements—Continued						
	Establishing permanent cover	Improving permanent cover	Planting trees	Timber stand improvement	Water impoundment reservoirs	Stripcropping	Terrace systems (area served)
	Acres	Acres	Acres	Acres	Number	Acres	Acres
Ala.....	3,320	478	694		13		2,402
Alaska.....	277						
Ariz.....		1,035					
Ark.....	1,928	2,018	79		22		31
Calif.....	217	1,489		10	1		
Colo.....	339	5,883			5		3,086
Conn.....	4			8		46	4
Del.....							64
Fla.....	595	800	506	23			
Ga.....	1,331	661	1,221		18		1,260
Hawaii.....		5,575			3		
Idaho.....	972	4,940	5		4	376	2,314
Ill.....	239	175	8	20	1	40	5,405
Ind.....	368	258	20	262	11		778
Iowa.....	49				6		3,577
Kans.....	198	419			4		13,607
Ky.....	1,521	462	16		5	314	804
La.....	1,061	984	18		1		43
Maine.....	335	28	48	67		507	107
Md.....	178	12		115	2	53	
Mass.....				49		27	
Mich.....	2,389	223	41	66	1	137	11
Minn.....	149	91	81	39	6	422	1,039
Miss.....	3,105	1,027	70	40	48		832
Mo.....	1,636	912			3	50	2,778
Mont.....	2,265	24,524				88	
Nebr.....	1,020	12,171			11	46	10,046
Nev.....		7,519					
N.H.....	123	29				25	
N.J.....	23				1		24
N. Mex.....	404	7,580					640
N.Y.....	822	145	13	101		2,602	61
N.C.....	1,335	152	156		8	744	151
N. Dak.....	1,371	940			2	766	8
Okla.....	742	1,922	13	239	3		2
Oreg.....	5,184	344			51		1,942
Pa.....	378	3,879	90	237	2		7,530
R.I.....	607	416		65		1,063	526
S.C.....	1,473	456	108	10	18	516	230
S. Dak.....	1,693	2,411		127	5	452	597
Tenn.....	2,679	2,197	33	5	38	23	450
Tex.....	3,812	101,907		100	31		7,194
Utah.....	260	21,294					1,105
Vt.....	97	14				68	
Va.....	832	1,738	17	11	5	380	21
Wash.....	258	1,321	115	174	1		354
W. Va.....	66	2,796		10	9	3	
Wis.....	382	13	157	47		721	508
Wyo.....	354	9,386					
U.S.....	46,391	230,624	3,509	1,825	339	9,469	69,538
P.R.....	323	118					
V.I.....							
Total.....	46,714	230,742	3,509	1,825	339	9,469	69,538

Agricultural Stabilization and Conservation Service.

Table 646.—Agricultural Conservation Program:<sup>1</sup> Selected conservation and pollution abatement measures performed, United States and Caribbean area, annual 1975-84 and total 1936-84

Practice	Unit	1975	1976	1977	1978 <sup>2</sup>	1979 <sup>2</sup>	1980	1981	1982	1983	1984	Total 1936-84
Terrace systems <sup>3</sup> .....	1,000 acres.....	436	335	357	435	574	491	454	427	513	388	37,994
Sod waterways <sup>3</sup> .....	.....do.....	1,095	801	894	804	998	740	727	489	453	207	16,221
Conservation tillage systems.....	.....do.....	6	15	30	135	202	377	717	733	919	1,009	4,176
Stripcropping systems.....	.....do.....	86	105	124	172	288	112	120	125	127	102	115,685
Establishing permanent vegetative cover.....	.....do.....	1,066	1,137	1,213	1,320	1,972	900	817	714	964	667	71,940
Cropland protective cover.....	.....do.....	978	1,033	1,294	1,436	1,534	1,281	1,495	1,115	1,100	791	505,857
Improving permanent vegetative cover.....	.....do.....	2,041	2,471	2,898	1,798	2,790	1,958	1,961	1,728	1,828	1,337	138,235
Planting trees or shrubs.....	.....do.....	37	20	33	32	47	49	53	55	66	55	6,205
Timber stand improvement.....	.....do.....	52	25	43	43	66	62	75	54	38	25	5,306
Permanent wildlife habitat <sup>3</sup> .....	.....do.....	110	113	120	165	110	36	46	46	40	23	5,264
Water impoundment reservoirs.....	Number.....	19,533	16,504	19,740	16,323	19,136	11,865	12,271	7,423	7,020	5,987	2,442,590
Grazing land protection.....	.....do.....	7,198	5,661	8,166	9,804	14,117	11,573	13,977	9,411	9,151	7,701	517,475
Contour farming.....	.....do.....	6	13	10	10	25	27	24	24	20	29	140,018
Diversions <sup>3</sup> .....	.....do.....	174	137	136	142	200	136	128	123	111	112	6,745
Sediment retention, erosion, or water control structures.....	Number.....	8,767	7,726	9,045	9,598	15,404	14,266	15,968	12,142	12,646	12,462	3,403,111

<sup>1</sup> In 1974, the data include the Regular, Long-Term Agreement, and Forestry Incentive Programs. In 1975-81, the data include the Regular and Long-Term Agreement Programs.

<sup>2</sup> Because of the change to fiscal year funding in 1979, data for the period October 1, 1978-December 31, 1978 is included in the 1978 program year and the 1979 fiscal year.

<sup>3</sup> In area served.

Agricultural Stabilization and Conservation Service. Totals are from unrounded data.

**Table 647.—Water Bank Program, Status of Agreements carried out, 1975 through 9/30/84, by States**

State	Number of agreements	Designated acres			Annual payment
		Total	Wetlands	Adjacent	
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Dollars</i>
Ark.....	215	44,363	22,069	22,294	307,439
Calif.....	103	23,879	5,711	18,168	379,368
La.....	214	28,109	8,310	19,799	361,917
Maine.....	134	8,206	2,546	5,660	61,390
Mich.....	127	5,311	1,496	3,815	96,559
Minn.....	1,405	79,710	20,609	59,101	1,896,145
Miss.....	202	38,099	14,606	23,493	318,201
Mont.....	115	18,185	3,147	15,038	291,355
Nebr.....	89	7,768	2,956	4,812	171,305
N. Dak.....	1,551	227,508	62,861	164,647	3,711,875
S. Dak.....	898	122,015	25,584	96,431	1,846,592
Vt.....	89	4,520	1,873	2,647	38,497
Wis.....	500	21,955	8,439	13,516	473,052
Total.....	5,642	629,628	180,207	449,421	9,953,695

Agricultural Stabilization and Conservation Service.

**Table 648.—Water Bank Program, Status of agreements carried out, 1975 through 9/30/84, by years**

Program year	Number of agreements <sup>1</sup>	Designated acres			Annual payment
		Total	Wetlands	Adjacent	
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Dollars</i>
1975.....	685	73,931	23,309	50,622	933,116
1976.....	528	61,491	16,509	44,982	900,209
1977.....	722	107,667	23,207	84,460	1,827,616
1978.....	573	71,199	18,501	52,698	1,190,248
1979.....	719	79,719	21,684	58,035	1,347,488
1980.....	563	62,470	18,240	44,230	1,099,527
1981.....	283	27,080	8,397	18,683	394,230
1982.....	528	45,242	15,492	29,750	683,468
1983.....	512	49,752	14,974	34,778	795,129
1984.....	508	50,240	19,609	30,631	762,402
1985 <sup>2</sup> .....	21	837	285	552	20,262
Total.....	5,642	629,628	180,207	449,421	9,953,695

<sup>1</sup> The Water Bank Program (WBP) agreements are contracts for 10 years. Since the inception of the program in 1972, the 516 agreements in 1972, the 417 agreements in 1973, and the 917 agreements in 1974 have expired.

<sup>2</sup> The agreements were entered into in 1984. Since compliance could not be rendered during 1984, the agreements were given the beginning date of January 1, 1985.

Agricultural Stabilization and Conservation Service.



Table 649.—Forestry Incentives Program, practices performed, by States and Caribbean area, 1984 fiscal year and cumulative 1975-84 <sup>1</sup>

State	1984				Cumulative 1975-1984			
	Planting trees	Improving a stand of forest trees	Site prep for natural regeneration	Special forestry practices	Planting trees	Improving a stand of forest trees	Site prep for natural regeneration	Special forestry practices
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Ala.....	11,477	2,182			191,416	22,618	70	
Ariz.....					13	1,321		
Ark.....	11,925	1,855	1,544		90,310	95,544	1,980	7,981
Calif.....	258	451			7,135	6,930		
Colo.....		179			181	3,521	10	
Conn.....	90	110		10	1,085	7,285		2,286
Del.....	363				2,609	700		
Fla.....	16,863	120			113,339	5,895	90	
Ga.....	12,403	213			150,375	15,522	12	
Hawaii.....					250			
Idaho.....	67	136			424	1,646		
Ill.....	69	1,671			1,738	19,161		
Ind.....	123	2,959	101		2,856	50,809	146	
Iowa.....	42	141	10		2,009	5,326	20	
Kans.....	17	41			395	4,091		
Ky.....	78	1,118	55		2,783	43,944	149	2,121
La.....	8,693	696	132		75,242	38,941	132	
Maine.....	311	459			5,721	15,452		
Md.....	972	285			13,125	9,483		
Mass.....		880			132	28,321		739
Mich.....	1,045	730			18,377	34,352		
Minn.....	789	139			11,951	11,648	20	648
Miss.....	17,209	274	40		143,523	25,535	417	16
Mo.....	236	1,493			10,025	71,064		
Mont.....	10	140			102	4,010		
Nebr.....	1				504	1,715		
Nev.....	148	9			286	32		
N.H.....		581	91		5	22,820	91	
N.J.....		75			897	11,968		
N. Mex.....		25			55	6,453		
N.Y.....	108	1,847			2,969	51,784	100	4,323
N.C.....	8,029	618	19		163,503	16,043	134	
N. Dak.....					207	141		48
Ohio.....	463	2,414			7,739	54,046	37	
Okla.....	1,594	841			11,649	28,821		
Oreg.....	2,543	1,403			23,629	10,147		
Pa.....	15	1,260			4,900	26,438		
P.R.....	42				345			
R.I.....		86			132	2,027		
S.C.....	11,738	128			132,516	8,283		
S. Dak.....		195			29	2,591		
Tenn.....	1,312		100		12,958	15,210	138	
Texas.....	5,948	2,319			91,456	43,975		
Utah.....						12		
Vt.....	33	545			220	17,040	20	16,368
Va.....	11,833	976			160,767	23,133		
Wash.....	1,534	266			15,092	8,943		
W.Va.....	142	932			4,482	84,718		24,094
Wis.....	1,436	1,650	234		20,252	23,362	302	265
Wyo.....		903			4	3,488		
Total.....	129,959	33,345	2,326	10	1,499,712	986,309	3,868	58,889

<sup>1</sup> In 1974, the program was part of the Rural Environmental Conservation Program (now called the Agricultural Conservation Program). Data for the program year were published in the 1974 Rural Environmental Conservation Program Summary. In 1975 it became a separately funded program.

Agricultural Stabilization and Conservation Service.

Table 650.—Forestry Incentives Program, participation and assistance, by States and Caribbean area, 1984 fiscal year

State	Participants	Area served	Assistance		
			Regular	Long term	Total assistance
	<i>Number</i>	<i>Acres</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	325	13,659	660,143		660,143
Ariz.....					
Ark.....	374	15,324	561,814		561,814
Calif.....	35	709	78,382	3,060	81,442
Colo.....	8	179	7,000		7,000
Conn.....	5	210	2,860	2,879	5,739
Del.....	8	363	36,089		36,089
Fla.....	291	16,983	691,329		691,329
Ga.....	309	12,616	934,294		934,294
Hawaii.....					
Idaho.....	17	203	22,245		22,245
Ill.....	70	1,740	47,431	7,033	54,464
Ind.....	102	3,183	58,933	3,209	62,142
Iowa.....	8	193	6,357	149	6,506
Kans.....	4	58	3,295		3,295
Ky.....	51	1,251	46,423		46,423
La.....	239	9,521	496,604		496,604
Maine.....	67	770	52,533	726	53,259
Md.....	47	1,257	108,272	2,659	110,931
Mass.....	76	880	27,720	1,103	28,823
Mich.....	122	1,775	58,019	14,453	72,472
Minn.....	51	928	61,956	3,242	65,198
Miss.....	349	17,523	605,346		605,346
Mo.....	43	1,729	29,049	6,692	35,741
Mont.....	9	150	11,002	180	11,182
Nebr.....	1	1		170	170
Nev.....	2	157		9,141	9,141
N.H.....	59	672	24,501	304	24,805
N.J.....	7	75	1,970		1,970
N. Mex.....	2	25	661		661
N.Y.....	148	1,955	53,505	13,454	66,959
N.C.....	324	8,666	357,138	1,050	358,188
N. Dak.....					
Ohio.....	140	2,877	105,173		105,173
Okla.....	37	2,435	99,854		99,854
Oreg.....	111	3,946	411,400	6,386	417,786
Pa.....	96	1,275	61,306	5,530	66,836
P.R.....	4	42	7,294		7,294
R.I.....	16	86	4,035	632	4,667
S.C.....	336	11,866	763,532		763,532
S. Dak.....	11	195	8,563	3,071	11,934
Tenn.....	31	1,412	89,396		89,396
Texas.....	198	8,267	271,201		271,201
Utah.....					
Vt.....	64	573	31,779	228	32,007
Va.....	364	12,809	484,163		484,163
Wash.....	36	1,300	226,708		226,708
W. Va.....	68	1,074	24,255	6,258	30,513
Wis.....	194	3,320	150,079	13,349	163,428
Wyo.....	11	903	46,958		46,958
Total.....	4,868	165,640	7,830,867	104,958	7,935,825

<sup>1</sup> Participants are net totals and will not add.

Agricultural Stabilization and Conservation Service.

**Table 651.—Soil conservation districts: Funds appropriated by State and local governments for conservation programs, fiscal year ending Sept. 30, 1984**

State or Territory	Actual appropriations	State or Territory	Actual appropriations
	<i>1,000 dollars</i>		<i>1,000 dollars</i>
Ala.....	1,722	Nev.....	49
Alaska.....	236	N.H.....	534
Ariz.....	2,152	N.J.....	5,980
Ark.....	4,432	N. Mex.....	1,147
Calif.....	8,960	N.Y.....	6,450
Colo.....	628	N.C.....	16,612
Conn.....	644	N. Dak.....	3,182
Del.....	1,530	Ohio.....	10,577
Fla.....	1,829	Okl.....	8,273
Ga.....	4,759	Oreg.....	531
Hawaii.....	821	Pa.....	1,160
Idaho.....	1,952	R.I.....	7,150
Ill.....	12,180	S.C.....	2,291
Ind.....	3,700	S. Dak.....	534
Kans.....	14,440	Tenn.....	1,320
Ky.....	3,582	Tex.....	7,098
La.....	5,833	Utah.....	37,491
Maine.....	599	Vt.....	357
Md.....	2,030	Va.....	2,714
Mass.....	536	Wash.....	6,269
Mich.....	2,119	W. Va.....	4,500
Minn.....	12,168	Wis.....	8,823
Miss.....	1,762	Wyo.....	551
Mo.....	2,385	Caribbean <sup>1</sup> .....	3,314
Mont.....	2,345		
Nebr.....	19,265	Total.....	246,948

<sup>1</sup> Puerto Rico and Virgin Islands.

Soil Conservation Service.

**Table 652.—Soil conservation districts: Number organized each year, approximate total area and land in farms, United States and Territories, 1970-1984**

Year <sup>1</sup>	Number districts organized <sup>2</sup>		Total area in districts	
	Net increase for the year	Cumulative total	New districts and additions	Cumulative total
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1970.....	9	3,026	4,505	1,811,043
1971.....	1	3,027	13,361	1,824,404
1972.....	-3	3,024	11,213	1,835,617
1973.....	-62	2,962	375,493	2,211,110
1974.....	-15	2,947	657	2,211,767
1975.....	-5	2,942	1,968	2,213,735
1976.....	-2	2,940	2,450	2,216,185
1977.....	-3	2,937	1,578	2,217,763
1978.....		2,937	-2,735	2,215,028
1979.....		2,937		2,215,028
1980.....	-5	2,932	-3,602	2,211,426
1981.....	5	2,932	7,649	2,219,075
1982.....	1	2,938	44	2,219,119
1983.....		2,939		2,219,119
1984.....	2	2,941	135	2,219,254

<sup>1</sup> Fiscal years July 1 to June 30 to 1976; Oct. 1 through Sept. 30 through 1984.<sup>2</sup> Totals at the end of each year are net, including corrections and adjustments made during the year. Soil Conservation Service.

Table 653.—Soil conservation districts: Dates of State Laws, number of districts organized, approximate total area and number of farms, cumulative through Sept. 30, 1984

State or Territory	Date district law became effective	Districts organized <sup>1</sup>	Approximate area and number of farms within organized districts	
			Total area	Farms (and ranches)
		<i>Number</i>	<i>1,000 acres</i>	<i>Thousands</i>
Ala.....	Mar. 18, 1939	67	32,454	58
Alaska.....	Mar. 25, 1947	9	375,304	1
Ariz <sup>2</sup> .....	June 16, 1941	35	62,584	8
Ark.....	July 1, 1937	76	33,611	65
Calif.....	June 26, 1938	121	75,202	56
Colo.....	May 6, 1937	80	61,433	30
Conn.....	July 18, 1945	8	3,132	4
Del.....	Apr. 2, 1943	3	1,266	3
Dist. of Col.....	July 12, 1982	1	44	0
Fla.....	June 10, 1937	62	33,866	31
Ga.....	Mar. 23, 1937	40	37,681	56
Hawaii.....	May 19, 1947	15	4,089	4
Idaho.....	Mar. 9, 1939	51	52,654	26
Ill.....	July 9, 1937	98	29,085	111
Ind.....	Mar. 11, 1937	92	23,102	89
Iowa.....	July 4, 1939	100	36,012	126
Kans.....	Apr. 10, 1937	105	52,649	74
Ky.....	June 11, 1940	121	25,377	102
La.....	July 27, 1938	40	28,102	31
Maine.....	Mar. 25, 1941	16	17,539	7
Md.....	June 1, 1937	24	6,273	19
Mass.....	June 28, 1945	16	5,011	5
Mich.....	July 23, 1937	83	37,241	60
Minn.....	Apr. 26, 1937	92	27,798	99
Miss.....	Apr. 4, 1938	82	30,269	54
Mo.....	July 23, 1943	111	42,154	113
Mont.....	Feb. 28, 1939	60	89,724	23
Nebr.....	May 18, 1937	24	48,982	64
Nev.....	Mar. 30, 1937	30	70,605	2
N.H.....	May 10, 1945	10	5,955	3
N.J.....	July 1, 1937	16	4,813	10
N. Mex.....	Mar. 17, 1937	47	69,008	22
N.Y.....	July 20, 1940	57	30,489	43
N.C.....	Mar. 22, 1937	94	31,236	89
N. Dak.....	Mar. 16, 1937	62	45,149	43
Ohio.....	June 5, 1941	88	26,383	95
Okla.....	Apr. 15, 1937	89	43,726	72
Oreg.....	Apr. 7, 1939	47	60,603	33
Pa.....	July 2, 1937	66	29,352	59
R.I.....	Apr. 26, 1943	3	677	1
S.C.....	Apr. 17, 1937	46	19,345	29
S. Dak.....	July 1, 1937	69	49,327	40
Tenn.....	Mar. 10, 1939	95	26,450	97
Tex.....	Apr. 24, 1939	201	169,890	174
Utah.....	Mar. 23, 1937	39	49,229	16
Vt.....	Apr. 18, 1939	14	5,935	7
Va.....	Apr. 1, 1938	44	25,630	54
Wash.....	Mar. 17, 1939	49	37,073	29
W. Va.....	June 12, 1939	14	15,411	17
Wis.....	July 1, 1937	72	34,858	90
Wyo.....	May 22, 1941	37	60,560	11
U.S.....		2,921	2,184,348	2,351
P.R.....	July 1, 1946	17	2,189	32
V.I.....	June 1946	1	110	
Guam.....	May 31, 1984	2	135	.1
Total.....		2,941	2,186,782	2,383

<sup>1</sup> For specific procedure on organization of soil conservation districts, reference should be made to each of the respective State soil conservation district's laws.

<sup>2</sup> Includes 5 tribal districts.

Soil Conservation Service.



Table 654.—Soil surveys: Total area mapped for conservation planning and other uses under all programs, by States and Territories, year ending Sept. 30, 1984, and cumulative through Sept. 30, 1984

State or Territory	Progressive Soil Survey Program <sup>1</sup>		State or Territory	Progressive Soil Survey Program <sup>1</sup>	
	Work during year ending Sept. 30, 1984	Total to date		Work during year ending Sept. 30, 1984	Total to date
	Acres	Acres		Acres	Acres
Ala.....	973,090	23,769,249	Nebr.....	1,824,438	42,500,000
Alaska.....	426,330	362,526,820	Nev.....	4,264,688	48,390,358
Ariz.....	1,587,575	31,840,600	N.H.....	229,689	4,548,090
Ark.....	399,608	30,609,000	N.J.....	0	4,633,746
Calif.....	1,071,516	64,432,730	N. Mex.....	1,467,384	67,438,604
Colo.....	1,087,017	48,555,000	N.Y.....	524,574	22,711,574
Conn.....	0	3,132,160	N.C.....	1,189,640	21,309,638
Del.....	0	1,265,920	N. Dak.....	1,250,169	30,350,535
Fla.....	2,139,000	24,623,000	Ohio.....	590,225	22,824,417
Ga.....	502,881	31,525,692	Okla.....	366,433	43,820,632
Hawaii.....	59,635	5,424,483	Oreg.....	917,352	26,815,300
Idaho.....	856,046	27,660,038	Pa.....	69,210	28,325,413
Ill.....	1,370,301	24,631,786	R.I.....	0	677,120
Ind.....	525,131	22,594,233	S.C.....	325,283	18,382,317
Iowa.....	1,206,338	31,532,954	S. Dak.....	1,575,254	44,209,515
Kans.....	882,846	50,943,722	Tenn.....	663,470	23,516,944
Ky.....	728,696	19,034,419	Tex.....	2,613,599	147,000,000
La.....	1,000,967	22,500,000	Utah.....	6,017,188	37,509,661
Maine.....	489,892	9,877,544	Vt.....	187,977	4,074,959
Md.....	0	6,490,000	Va.....	680,547	14,440,500
Mass.....	145,925	4,300,000	Wash.....	403,095	29,909,305
Mich.....	682,609	22,751,348	W. Va.....	289,954	11,398,809
Minn.....	1,712,881	32,745,057	Wis.....	747,166	26,020,130
Miss.....	338,710	26,545,446	Wyo.....	3,577,039	32,775,820
Mo.....	1,506,303	30,036,441	Caribbean <sup>2</sup>	0	2,200,008
Mont.....	961,770	49,421,573	Total.....	50,429,183	1,764,552,610

<sup>1</sup> The National Cooperative Soil Survey of the Soil Conservation Service and cooperating agencies is designed to locate, classify, describe, and show on maps the different kinds of soil and make multiple-use interpretations of each kind of soil for town-and-country planning and for other purposes.

<sup>2</sup> Puerto Rico and Virgin Islands.  
Soil Conservation Service.

Table 655.—Land protected from erosion by soil conservation practices: newly applied in soil conservation districts with Soil Conservation Service assistance, fiscal years 1980-84 <sup>1</sup>

Land protected from erosion <sup>1</sup>	Unit	1980	1981	1982	1983	1984 <sup>2</sup>
Cropland.....	Acres.....	10,783,285	12,068,921	13,454,067	13,613,063	18,300,000
Pasture and hayland.....	do.....	5,307,587	5,457,823	5,571,818	5,233,253	3,200,000
Range and native pasture.....	do.....	23,837,684	25,338,464	27,723,700	29,399,780	20,000,000
Woodland.....	do.....	2,014,604	1,825,746	1,889,027	1,680,333	1,000,000
Wildlife.....	do.....	2,840,096	2,729,887	2,644,401	2,464,379	n.a.
Recreation.....	do.....	152,438	128,658	127,110	173,582	n.a.
All others.....	do.....	684,684	249,381	205,970	206,552	33,000
Total land protected.....	Acres.....	45,620,378	47,798,880	51,616,093	52,770,942	42,830,00

<sup>1</sup> SCS changed its reporting system in FY 1984. The reporting system is based on expanded reporting data from sample counties and reflects land improved (previously benefited and adequately protected) with SCS technical assistance. FY 1984 data is not directly comparable to early years.

<sup>2</sup> Includes practices applied under all programs on which SCS provides technical assistance.  
n.a. Not available.  
Soil Conservation Service.

**Table 656.—Land protected from erosion by soil conservation practices: applied through farmer-district cooperation and cooperation with other agencies, with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1984**

State or Territory	Cropland	Pasture and hayland	Range nature pasture	Woodland	Wildlife	Recreation	Other land	Total land protected
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Ala.....	264,997	195,315	151	170,678	19,696	3,181	3,323	657,341
Alaska.....	220	0	0	0	0	0	0	220
Ariz.....	33,289	1,178	795,370	1,000	1,119	5	0	831,961
Ark.....	719,959	272,743	26,866	112,891	42,788	5,474	1,589	1,182,310
Calif.....	1,241,994	174,519	95,283	10,915			<sup>1</sup> 80,610	1,603,321
Colo.....	729,640	264,285	1,697,163	24,570			<sup>1</sup> 1,267	1,216,925
Conn.....	12,683	3,229	0	1,711			<sup>1</sup> 1,277	18,900
Del.....	21,864	332	0	0	0	80	180	22,438
Fla.....	527,481	46,352	3,869	11,337			<sup>1</sup> 8,187	597,226
Ga.....	816,182	140,669	36	74,434	27,452	2,172	2,768	1,063,713
Hawaii.....	34,331	75,327	16,389	0	0	0	988	127,035
Idaho.....	716,835	152,859	169,084	38,060			<sup>1</sup> 27,406	1,104,244
Ill.....	367,353	31,655	0	10,163	10,242	3,003	11,010	433,426
Ind.....	277,141	19,331	0	5,050	8,742	1,341	945	312,550
Iowa.....	826,872	31,128	0	2,383	5,499	237	1,780	867,899
Kans.....	875,399	62,352	629,260	2,723	32,533	6,209	2,085	1,606,961
Ky.....	359,102	173,617	97	34,630	3,361	247	1,553	572,607
La.....	556,925	114,113	20,157	151,293	162,351	1,466	4,018	1,010,323
Maine.....	14,837	6,390	0	3,013			<sup>1</sup> 2,492	26,732
Md.....	66,244	7,168	0	1,194	4,486	310	3,723	83,125
Mass.....	5,638	3,025	16	589	8	15	68	9,369
Mich.....	237,286	25,673	148	26,105	8,838	1,852	2,070	301,972
Minn.....	382,455	19,317	2,093	2,831	21,178	628	5,352	433,854
Miss.....	368,026	171,792	0	95,194	38,944	1,319	680	675,955
Mo.....	450,535	208,940	0	10,917	20,770	248	440	691,900
Mont.....	199,094	317,389	1,064,382	84,068			<sup>1</sup> 8,488	1,673,421
Nebr.....	460,806	42,199	1,538,901	526			<sup>1</sup> 16,916	2,059,348
Nev.....	34,710	40,532	69,292	5	397	2	1,297	146,235
N.H.....	5,536	3,961	6	6,825	429	269	242	17,268
N.J.....	48,692	3,226	0	1,031			<sup>1</sup> 1,754	54,703
N. Mex.....	114,932	70,734	4,322,010	12,892	20,321	275	971	4,542,135
N.Y.....	135,547	14,878	13	5,869	1,222	193	2,454	160,176
N.C.....	208,845	24,943	15	19,815	3,916	682	2,521	260,737
N. Dak.....	826,626	195,198	513,522	1,037	58,127	285	19,491	1,612,286
Ohio.....	234,491	29,959	89	10,219	3,819	1,244	2,274	282,095
Okla.....	737,587	632	3,416	80	5	0	0	471,720
Oreg.....	274,543	252,915	189,922	67,368			<sup>1</sup> 7,884	792,632
Pa.....	159,047	41,454	4	10,949	11,755	1,643	8,949	233,801
P.R.....							9,588	9,588
R.I.....	2,440	71	0	444			<sup>1</sup> 11	2,966
S.C.....	147,440	37,950	291	53,201	2,800	349	473	242,504
S. Dak.....	503,496	233,428	877,339	2,061	22,144	78	15,389	1,653,935
Tenn.....	289,950	202,557	77	95,069	1,967	467	391	599,978
Tex.....	5,417,535	2,297,281	20,935,477	741,386	1,362,729	40,405	57,127	30,851,940
Utah.....	123,822	786,842	129,084	9,040			<sup>1</sup> 94,655	1,143,443
Vt.....	8,732	77,961	0	28	313	14	49	87,097
Va.....	138,602	86,623	0	22,432	909	226	3,449	252,241
Wash.....	315,314	44,607	53,907	6,751	47	518	187	421,331
W. Va.....	4,876	9,100	0	365	439	20	36	14,836
Wis.....	50,019	15,583	0	9,449			10,213	85,264
Wyo.....	59,060	182,899	1,768,296	1,931	8,343	2,253	13,640	2,036,422
Carrib- bean <sup>2</sup> .....	4,823	2,411	0	1,205			<sup>1</sup> 1,205	9,644
Total <sup>3</sup> .....	252,762,429	7,038,222	33,922,025	1,955,827	1,907,689	76,710	443,465	79,700,053

<sup>1</sup> Includes wildlife and recreation.

<sup>2</sup> Puerto Rico and Virgin Islands.

<sup>3</sup> Includes land protected data shown in table 670, watershed protection and flood prevention projects.

Soil Conservation Service.

**Table 657.—Conservation plans: Active district cooperators and conservation plans prepared under all programs and area covered in soil conservation districts with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1984, and cumulative through Sept. 30, 1984**

State or Territory	Progress, year ending Sept. 30, 1984		
	New SCD cooperators	New conservation plans <sup>1</sup>	
	Number	Acres	Acres
Ala.....	1,354	333,723	306,835
Alaska.....	88	16,202	71,798
Ariz.....	169	748,155	864,388
Ark.....	868	243,042	515,298
Calif.....	676	286,309	334,172
Colo.....	514	1,027,855	1,287,892
Conn.....	51	6,290	12,069
Del.....	80	14,745	17,627
Fla.....	497	264,583	327,701
Ga.....	2,375	1,174,128	537,076
Hawaii.....	166	82,827	135,612
Idaho.....	213	95,908	301,822
Ill.....	1,390	288,422	377,069
Ind.....	342	62,923	301,096
Iowa.....	2,846	573,128	585,582
Kans.....	1,341	588,943	854,205
Ky.....	2,342	277,178	428,690
La.....	4,367	1,552,601	1,486,873
Maine.....	259	48,233	92,351
Md.....	527	76,203	126,684
Mass.....	130	14,442	16,572
Mich.....	903	166,168	257,943
Minn.....	1,150	329,761	393,468
Miss.....	32,099	267,330	342,292
Mo.....	3,031	689,303	639,068
Mont.....	207	821,945	645,954
Nebr.....	4,596	2,075,239	2,558,189
Nev.....	68	301,588	210,972
N.H.....	148	19,580	16,429
N.J.....	101	10,910	39,837
N. Mex.....	312	837,148	1,937,806
N.Y.....	961	227,469	243,852
N.C.....	1,644	306,845	257,132
N. Dak.....	477	668,531	971,716
Ohio.....	1,639	305,505	383,611
Okla.....	1,828	715,424	1,360,598
Oreg.....	151	262,875	363,808
Pa.....	1,154	147,045	232,526
R.I.....	48	2,501	1,552
S.C.....	1,152	228,608	201,520
S. Dak.....	303	465,569	998,949
Tenn.....	2,260	414,232	657,156
Tex.....	5,620	3,897,915	9,184,140
Utah.....	146	21,987	293,690
Vt.....	72	13,259	47,026
Va.....	902	134,101	196,518
Wash.....	6,183	87,122	348,947
W. Va.....	494	81,533	129,103
Wis.....	862	176,014	296,328
Wyo.....	112	437,080	1,119,163
Caribbean <sup>2</sup> .....	n.a.	n.a.	n.a.
Total.....	89,168	21,888,338	33,310,705

<sup>1</sup> Includes conservation plans prepared on farms and ranches of SCD cooperators who signed agreements in prior years.

<sup>2</sup> Puerto Rico and Virgin Islands.

n.a. Not available.

Soil Conservation Service.

**Table 658.—Great Plains Conservation Program: <sup>1</sup> Status of cost-share contracts, by States, year ending Sept. 30, 1984**

State	Designated counties	Active land treatment contracts in operation	
		1984	
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>
Colo.....	38	481	1,439,897
Kans.....	62	676	385,320
Mont.....	40	402	2,676,850
Nebr.....	61	560	1,120,000
N. Mex.....	19	223	2,268,626
N. Dak.....	38	622	1,025,800
Okla.....	43	862	517,284
S. Dak.....	51	862	2,511,570
Tex.....	147	1,070	1,195,300
Wyo.....	19	237	1,620,238
Total.....	518	5,995	15,480,885

<sup>1</sup> As authorized by the Act of Congress August 7, 1956 (Public Law 1021, 84th Congress).  
Soil Conservation Service.

#### FOOTNOTES FOR TABLE 661

<sup>1</sup> Data may not add to totals because of rounding.

<sup>2</sup> Forest land is land at least 10 percent stocked by forest trees of any size, including land that formerly had such tree cover and that will be naturally or artificially regenerated. Forest land includes transition zones, such as areas between heavily forested and non-forested lands that are at least 10 percent stocked with forest trees, and forest areas adjacent to urban and built-up lands. Also included are Pinyon-juniper and chaparral areas in the West and afforested areas. The minimum area for classification of forest land is 1 acre. Roadside, streamside, and shelterbelt strips of timber must have a crown width at least 120 feet wide to qualify as forest land. Unimproved roads and trails, streams, and clearing in forest areas are classified as forest if less than 120 feet in width.

<sup>3</sup> Commercial timberland is forest land which is producing or is capable of producing crops of industrial wood and not withdrawn from timber utilization by statute or administrative regulation. Areas qualifying as commercial timberland have the capability of producing in excess of 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included.

<sup>4</sup> Includes Indian lands.

<sup>5</sup> Includes Alaska.

<sup>6</sup> Includes Hawaii.

Forest Service.



**Table 659.—Watershed protection<sup>1</sup> and flood prevention projects:<sup>2</sup> Works of improvement installed with the assistance of the Soil Conservation Service with watershed protection and flood prevention funds for year ending Sept. 30, 1984**

Item	Unit	P.L. 566 watersheds	Flood prevention sub watersheds
Projects in operation during year.....	Number.....	562	65
Land protected from erosion:			
Cropland.....	Acres.....	311,127	172,818
Pasture and hayland.....	.....do.....	110,229	177,080
Range and native pasture.....	.....do.....	98,526	351,209
Woodland.....	.....do.....	24,069	5,552
Wildlife.....	.....do.....	12,048	22,941
Recreation.....	.....do.....	1,080	8,170
Other.....	.....do.....	2,674	10,602
Total land <sup>3</sup> .....	.....do.....	559,753	748,372

<sup>1</sup> As authorized by the Soil Conservation Act of 1935 (Public Law 46, 74th Congress) and Watershed Protection and Flood Prevention Act P.L. 566, as amended.

<sup>2</sup> All of the 11 watersheds were approved Dec. 22, 1944; however, flood control funds did not become available for works of improvement until 1946. As of June 30, 1965, work in one watershed was completed.

<sup>3</sup> Land protected data included in Table 656 "Land Protected From Erosion by Application of Soil Conservation Practices."

Soil Conservation Service.

**Table 660.—Flood prevention: Improvement works completed in authorized watersheds with assistance of the Forest Service, years ending Sept. 30, 1983 and 1984 and cumulative to Sept. 30, 1984<sup>1</sup>**

Practices and measures <sup>2</sup>	Unit	Total completed or acquired		
		During year ending Sept. 30, 1983	During year ending Sept. 30, 1984	Cumulative, to Sept. 30, 1984
Fire protection:				
Roads and trails (constructed or rebuilt).....	Miles.....	46	108	1,823
Firebreaks.....	.....do.....	36	21	3,191
Telephone lines.....	.....do.....			306
Large water-storage tanks.....	Number.....		1	175
Lookout towers.....	.....do.....			51
Building for fire protection work (barracks, cabins, warehouses, garages, offices, misc.).....	.....do.....			159
Pumps.....	.....do.....			32
Radios (mobile and stationary).....	.....do.....			416
Mobile equipment.....	.....do.....			183
Helispots and heliports.....	.....do.....			453
Stabilization of roadsides.....	Miles.....	34	38	4,353
Revegetation—cover improvement:				
Seeding and planting—trees and shrubs.....	Acres.....	1,792	2,149	917,860
Emergency seeding following fire <sup>3</sup> .....	.....do.....			1,048,981
Mountain channel control:				
Barriers.....	Number.....			1,093
Planting.....	Square yards.....			324,434
Channel clearing <sup>3</sup> .....	Acres.....	1	4296,218	296,717
Channel stabilization.....	Linear feet.....		17,446	1,197,419
Forest management: Owner participation.....	Number.....	8,562	6,299	218,316

<sup>1</sup> Covers work in following watersheds: Buffalo Creek, Coosa River, Little Tallahatchie, Los Angeles, Potomac, Santa Ynez, Yazoo, Trinity, Washita, and Little Sioux.

<sup>2</sup> These principal physical works of improvement have been installed and major fire protection equipment items acquired for watershed improvement purposes under the Flood Control Acts by the Forest Service and cooperating State agencies.

<sup>3</sup> Includes treatment of watersheds following fire or other disaster under the provisions of section 403 of the Agricultural Credit Act of 1978.

<sup>4</sup> Totally for flood repair work in the state of Utah.

Forest Service.

**Table 661.—Forest land: Total forest land and area and ownership of commercial timberland, by regions, Jan. 1, 1977 <sup>1</sup>**

Region	Total forest land <sup>2</sup>	Commercial timberland <sup>3</sup>							
		All owner-ships	Federal			State, county, and municipal <sup>4</sup>	Private		
			Total	National forest	Other		Total	Forest industry	Farmer and other private
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
New England.....	32,461	30,985	770	706	64	1,317	28,898	9,726	19,172
Middle Atlantic.....	50,686	46,415	1,505	1,338	167	4,554	40,355	3,206	37,149
Lake States.....	51,644	47,579	5,766	5,382	384	12,869	28,944	4,177	24,767
Central.....	42,872	41,163	2,929	2,406	523	803	37,431	805	36,627
North.....	177,662	166,141	10,970	9,831	1,139	19,543	135,628	17,914	117,715
South Atlantic.....	48,710	47,677	3,850	3,026	824	930	42,897	5,811	37,086
East Gulf.....	42,296	40,142	3,033	1,818	1,215	627	36,482	9,637	26,845
Central Gulf.....	51,237	50,657	2,921	2,319	603	1,029	46,707	8,322	38,384
West Gulf.....	64,632	49,569	4,496	3,793	704	844	44,229	12,475	31,755
South.....	206,875	188,046	14,300	10,955	3,346	3,430	170,315	36,245	134,070
Pacific Northwest <sup>5</sup> .....	172,136	53,283	27,516	23,329	4,187	7,667	18,101	9,841	8,260
Pacific Southwest <sup>6</sup> .....	42,138	17,251	8,446	8,168	278	683	8,122	2,687	5,435
Northern Rocky Mtn.....	55,682	33,478	22,408	21,312	1,096	2,414	8,657	2,073	6,584
Southern Rocky Mtn.....	82,065	24,287	15,771	15,124	647	2,575	5,941	23	5,918
West.....	352,021	128,299	74,140	67,933	6,208	13,338	40,821	14,624	26,197
All regions.....	736,558	482,486	99,410	88,718	10,692	36,311	346,764	68,782	277,982

See footnotes on page 479.

**Table 662.—Timber volume: Net volume of growing stock and sawtimber on commercial timberland, by softwoods and hardwoods, and regions, Jan. 1, 1977 <sup>1</sup>**

Region	Growing stock <sup>2</sup>			Sawtimber <sup>3</sup>		
	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
New England.....	41,848	23,383	18,464	75,507	43,800	31,707
Middle Atlantic.....	56,461	7,606	48,856	101,959	17,094	84,865
Lake States.....	44,517	11,901	32,616	97,766	30,984	66,782
Central.....	30,319	1,684	28,635	83,788	4,625	79,163
North.....	173,145	44,574	128,571	359,021	96,504	262,517
South Atlantic.....	59,988	23,333	36,655	171,401	74,317	97,084
East Gulf.....	40,134	24,405	15,729	112,478	74,078	38,400
Central Gulf.....	51,977	23,555	28,422	162,351	87,903	74,448
West Gulf.....	49,910	25,843	24,067	168,478	104,724	63,754
South.....	202,009	97,136	104,873	614,709	341,023	273,686
Pacific Northwest <sup>4</sup> .....	186,130	173,155	12,975	950,326	911,892	38,434
Pacific Southwest <sup>5</sup> .....	49,870	45,979	3,891	264,716	255,611	9,105
Northern Rocky Mtn.....	68,699	67,942	757	269,646	267,567	2,079
Southern Rocky Mtn.....	31,116	26,993	4,122	120,524	112,812	7,711
West.....	335,814	314,069	21,745	1,605,211	1,547,882	57,329
All regions.....	710,968	455,779	255,189	2,578,940	1,985,408	593,532

See footnotes on page 485.

**Table 663.—Timber volume: Net volume of sawtimber on commercial timberland in the West, by regions and species, Jan. 1, 1977 <sup>1</sup>**

Species	Total West	Pacific Northwest <sup>2</sup>	Pacific Southwest <sup>3</sup>	Northern Rocky Mountain	Southern Rocky Mountain
	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
<b>Softwoods:</b>					
Douglas-fir .....	514,317	352,954	72,938	74,264	14,160
Ponderosa and Jeffrey pines .....	192,070	68,640	51,300	34,885	37,246
True firs .....	214,540	88,770	71,951	39,551	14,268
Western hemlock .....	256,924	249,397	627	6,873	27
Sugar pine .....	25,001	4,585	20,410		6
Western white pine .....	16,779	5,055	1,245	10,407	72
Redwood .....	22,007	573	21,434		
Sitka spruce .....	50,459	50,191	268		
Engelmann and other spruce .....	78,492	16,318	9	28,157	34,008
Western larch .....	30,322	12,536		17,786	
Western redcedar .....	43,842	33,326	101	10,415	
Incense cedar .....	12,687	3,098	9,583		6
Lodgepole pine .....	71,435	15,061	4,142	40,849	11,383
Other .....	19,009	11,388	1,603	4,381	1,637
<b>Total .....</b>	<b>1,547,882</b>	<b>911,892</b>	<b>255,611</b>	<b>267,567</b>	<b>112,812</b>
<b>Hardwoods:</b>					
Cottonwood and aspen .....	14,179	4,479	52	1,938	7,709
Red alder .....	21,559	21,380	179		
Oaks .....	5,365	935	4,430		
Other .....	16,226	11,639	4,444	141	2
<b>Total .....</b>	<b>57,329</b>	<b>38,434</b>	<b>9,105</b>	<b>2,079</b>	<b>7,711</b>
<b>All species .....</b>	<b>1,605,211</b>	<b>950,326</b>	<b>264,716</b>	<b>269,646</b>	<b>120,524</b>

<sup>1</sup> Net volume in board feet, International ¼-inch log rule. Data may not add to totals because of rounding.<sup>2</sup> Includes Alaska.<sup>3</sup> Includes Hawaii.

Forest Service.

**Table 664.—Timber drain: Timber removals and annual mortality of growing stock and sawtimber by softwoods and hardwoods, 1976 <sup>1</sup>**

Roundwood product, logging residues, and mortality	Growing stock			Sawtimber		
	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million board feet <sup>2</sup></i>	<i>Million board feet <sup>2</sup></i>	<i>Million board feet <sup>2</sup></i>
<b>Roundwood products:</b>						
Saw logs .....	6,332	4,987	1,345	37,826	30,478	7,349
Veneer .....	1,322	1,226	96	8,694	8,124	570
Pulpwood .....	3,356	2,350	1,006	9,878	7,314	2,564
Other industrial .....	343	226	117	1,456	1,012	445
Fuelwood .....	334	63	272	698	135	563
<b>Total .....</b>	<b>11,687</b>	<b>8,852</b>	<b>2,835</b>	<b>58,552</b>	<b>47,062</b>	<b>11,490</b>
<b>Logging residues .....</b>	<b>1,398</b>	<b>813</b>	<b>585</b>	<b>3,433</b>	<b>2,277</b>	<b>1,156</b>
<b>Other removals .....</b>	<b>1,143</b>	<b>381</b>	<b>762</b>	<b>3,191</b>	<b>1,508</b>	<b>1,683</b>
<b>Total .....</b>	<b>2,542</b>	<b>1,194</b>	<b>1,347</b>	<b>6,624</b>	<b>3,785</b>	<b>2,839</b>
<b>Mortality .....</b>	<b>3,925</b>	<b>2,303</b>	<b>1,622</b>	<b>12,188</b>	<b>8,765</b>	<b>3,423</b>

<sup>1</sup> Timber removals include the net volume of growing-stock or sawtimber trees removed from the inventory by harvesting; cultural operations, such as timber-stand improvement; land clearing; or changes in land use. Data may not add to totals because of rounding.<sup>2</sup> International ¼-inch log rule.

Forest Service.

Table 665.—Timber removals and growth: Timber removals and net annual growth of growing stock and sawtimber on commercial timberland by softwoods and hardwoods and regions, 1976 <sup>1</sup>

Item and region	All species		Softwoods		Hardwoods	
	Removals <sup>2</sup>	Growth <sup>3</sup>	Removals <sup>2</sup>	Growth <sup>3</sup>	Removals <sup>2</sup>	Growth <sup>3</sup>
<b>GROWING STOCK</b>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>
New England.....	639	1,345	396	838	244	506
Middle Atlantic.....	663	1,795	103	229	560	1,566
Lake States.....	719	1,617	181	463	538	1,154
Central.....	637	1,035	25	69	612	965
North.....	2,659	5,792	705	1,600	1,953	4,192
South Atlantic.....	1,664	2,748	981	1,265	683	1,483
East Gulf.....	1,367	2,326	1,048	1,722	319	604
Central Gulf.....	1,760	2,910	1,139	1,555	621	1,355
West Gulf.....	1,780	2,721	1,304	1,616	476	1,105
South.....	6,571	10,705	4,471	6,158	2,100	4,547
Pacific Northwest <sup>4</sup> .....	3,319	2,686	3,209	2,225	109	462
Pacific Southwest <sup>5</sup> .....	835	792	818	713	17	79
Northern Rocky Mountain.....	669	1,280	669	1,264	( <sup>6</sup> )	16
Southern Rocky Mountain.....	176	409	173	325	3	84
West.....	4,999	5,168	4,870	4,527	129	641
All regions.....	14,229	21,664	10,046	12,285	4,183	9,380
<b>SAWTIMBER</b>	<i>Million board feet <sup>7</sup></i>	<i>Million board feet <sup>7</sup></i>	<i>Million board feet <sup>7</sup></i>	<i>Million board feet <sup>7</sup></i>	<i>Million board feet <sup>7</sup></i>	<i>Million board feet <sup>7</sup></i>
New England.....	2,061	2,773	1,355	1,775	706	998
Middle Atlantic.....	1,954	3,589	267	623	1,687	2,966
Lake States.....	2,044	4,620	528	1,473	1,516	3,147
Central.....	2,354	2,905	73	206	2,282	2,698
North.....	8,413	13,887	2,223	4,077	6,190	9,810
South Atlantic.....	5,771	9,426	3,564	4,620	2,207	4,807
East Gulf.....	4,880	7,534	3,834	5,875	1,046	1,659
Central Gulf.....	7,718	10,547	5,171	6,606	2,547	3,941
West Gulf.....	8,268	9,955	6,370	7,066	1,898	2,889
South.....	26,637	37,463	18,938	24,167	7,698	13,296
Pacific Northwest <sup>4</sup> .....	20,164	12,655	19,786	11,225	379	1,430
Pacific Southwest <sup>5</sup> .....	5,120	4,023	5,072	3,885	47	138
Northern Rocky Mountain.....	3,847	4,882	3,846	4,845	1	37
Southern Rocky Mountain.....	996	1,711	982	1,492	14	218
West.....	30,127	23,271	29,686	21,447	441	1,824
All regions.....	65,177	74,621	50,847	49,692	14,329	24,929

<sup>1</sup> Data may not add to totals because of rounding.

<sup>2</sup> Timber removals include the net volume of growing-stock or sawtimber trees removed from the inventory by harvesting; cultural operations, such as timber-stand improvement; land clearing; or changes in land use.

<sup>3</sup> The considerable excess of cut over growth for most western softwoods is not entirely due to overcutting. Growth is at a low level because part of the commercial forest area consists of old-growth timber which contributes little to net annual growth, and an excess of cut over growth is necessary to achieve a more regulated forest containing a desirable balance of growing stock by age classes.

<sup>4</sup> Includes Alaska.

<sup>5</sup> Includes Hawaii.

<sup>6</sup> Less than 500,000 cubic feet.

<sup>7</sup> International 1/4-inch log rule.

Forest Service.



Table 666.—Timber volume: Net volume of sawtimber on commercial timberland in the East, by regions and species, Jan. 1, 1977<sup>1</sup>

Species	Total East		North				South			
	Total	New England	Middle Atlantic	Lake States	Central	Total	South Atlantic	East Gulf	Central Gulf	West Gulf
Softwoods:	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet
White and red pines.....	3,622	14,561	5,215	10,797	64	4,986	3,308	885	793	
Jack pine.....	2,864			2,864	1					4,791
Longleaf and slash pines.....	51,811		1,682		1,158	51,811	4,769	28,634	13,617	93,188
Loblolly and shortleaf pines.....	244,489	275	2,610		2,099	241,649	49,401	32,515	66,545	431
Other yellow pines.....	25,264	19,065	1,910	5,889		20,280	11,439	3,606	4,745	
Spruce and balsam fir.....	26,933	6,827	5,243	5,929	34	69	1,253	93	269	
Eastern hemlock.....	19,647	18,032			126	19,368	3,507	8,061	1,608	6,192
Cypress.....	19,494	126		66	502					
Ponderosa and Jeffrey pines.....	568		435	5,441	642		511	284	328	122
Other.....	10,834	3,072				1,245				
Total.....	437,526	96,504	17,094	30,984	4,625	341,023	74,317	74,078	87,903	104,724
Hardwoods:										
Select white oaks.....	54,986	870	7,956	3,835	14,596	27,730	11,659	2,148	8,980	4,943
Select red oaks.....	47,360	4,711	12,117	8,227	6,636	15,670	6,118	938	5,001	3,613
Other white oaks.....	37,713	85	6,964		5,605	25,059	8,878	3,147	6,281	6,137
Other red oaks.....	83,529	1,752	8,776	2,307	14,240	56,454	15,489	8,657	16,786	15,521
Hickory.....	33,645	340	3,501	460	7,403	21,940	6,101	2,254	7,826	5,759
Yellow birch.....	7,628	7,511	1,375	2,635		117				
Hard maple.....	28,792	7,038	7,181	10,384	2,840	1,350	636	54	601	59
Soft maple.....	28,424	5,166	7,701	4,512	3,012	8,034	4,784	1,836	994	421
Beech.....	16,780	2,435	5,071	1,996	3,045	4,234	1,817	226	1,173	1,017
Sweetgum.....	32,461	1,387	768		619	31,074	9,553	4,854	7,272	9,995
Tupelo and black gum.....	26,939	1,511	736		775	25,428	9,380	6,834	4,227	4,987
Ash.....	17,801	10,557	2,967	3,190	2,928	7,243	1,830	1,239	1,949	2,226
Cottonwood and aspen.....	21,039	1,085	911	13,799	2,697	2,547	279	44	1,063	1,162
Basswood.....	7,898	205	1,897	3,851	868	1,078	582	84	331	71
Yellow-poplar.....	34,111	10,752	6,399	34	4,319	23,359	14,450	3,193	5,602	114
Black walnut.....	2,205	1,647	339	45	1,263	558	247	13	220	79
Black cherry.....	6,862	229	5,313	331	1,567	482	171	40	200	71
Other.....	48,031	26,702	4,896	11,176	7,812	21,329	4,993	2,840	5,998	7,498
Total.....	536,203	262,517	84,865	66,782	79,163	273,686	97,084	38,400	74,448	63,754
All species.....	973,729	359,021	101,959	97,766	83,788	614,709	171,401	112,478	162,351	168,478

<sup>1</sup> Net volume in board feet, International 1/4-inch log rule. Data may not add to totals because of rounding.

Forest Service.

**Table 667.—National Forest System: National Forest System lands and other lands within unit boundaries, in States and Territories, Sept. 30, 1984**

State or other area	Gross area within unit boundaries	National Forest System lands <sup>1</sup>	Other lands within unit boundaries <sup>2</sup>	State or other area	Gross area within unit boundaries	National Forest System lands <sup>1</sup>	Other lands within unit boundaries <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres		1,000 acres	1,000 acres	1,000 acres
Ala.....	1,274	646	628	N.H.....	819	706	114
Alaska.....	24,018	22,939	1,080	N. Mex.....	10,384	9,325	1,059
Ariz.....	11,934	11,269	664	N.Y.....	13	13	
Ark.....	3,502	2,480	1,022	N.C.....	3,165	1,216	1,949
Calif.....	24,287	20,457	3,830	N. Dak.....	1,106	1,106	( <sup>a</sup> )
Colo.....	16,023	14,430	1,593	Ohio.....	1,833	178	655
Conn.....				Okl.....	461	295	166
Fla.....	1,225	1,099	126	Oreg.....	17,434	15,598	1,836
Ga.....	1,911	872	1,039	Pa.....	743	511	232
Hawaii.....	( <sup>a</sup> )			S.C.....	1,382	611	771
Idaho.....	21,703	20,433	1,270	S. Dak.....	2,348	1,997	350
Ill.....	840	262	578	Tenn.....	1,212	626	587
Ind.....	645	189	457	Tex.....	1,994	783	1,212
Kans.....	117	108	9	Utah.....	9,129	8,045	1,084
Ky.....	2,102	674	1,428	Vt.....	630	295	334
La.....	1,023	598	425	Va.....	3,226	1,634	1,592
Maine.....	94	51	42	Wash.....	10,041	9,056	984
Mich.....	4,873	2,764	2,109	W. Va.....	1,861	975	887
Minn.....	5,467	2,804	2,663	Wis.....	2,023	1,504	519
Miss.....	2,310	1,149	1,161	Wyo.....	9,717	9,254	463
Mo.....	3,082	1,469	1,612	P.R.....	56	28	28
Mont.....	19,089	16,797	2,293	V.I.....	( <sup>b</sup> )	( <sup>b</sup> )	
Nebr.....	442	352	90				
Nev.....	5,424	5,150	274	Total.....	229,960	190,748	39,212

<sup>1</sup> *National Forest System lands.*—A nationally significant system of Federally owned units of forest, range and related land consisting of national forests, purchase units, national grasslands, and other lands, waters and interest in lands which are administered by the Forest Service or designated for administration through the Forest Service.

*National forests.*—Units formally established and permanently set aside and reserved for national forest purposes.

*Purchase units.*—Units designated by the Secretary of Agriculture or previously approved by the National Forest Reservation Commission for purposes of Weeks Law Acquisition.

*National grasslands.*—Units designated "National grasslands" by the Secretary of Agriculture and permanently held by the Department of Agriculture under Title III of the Bankhead-Jones Farm Tenant Act.

*Land utilization projects.*—Units designated by the Secretary of Agriculture for conservation and utilization under Title III of the Bankhead-Jones Farm Tenant Act.

*Research and experimental areas.*—Units reserved and dedicated by the Secretary of Agriculture for forest or range research and experimentation.

*Other areas.*—Units administered by the Forest Service that are not included in the above groups.

<sup>2</sup> *Other lands within unit boundaries.*—Lands within the unit boundaries in private, State, county, and municipal ownership and Federal lands over which the Forest Service has no jurisdiction. Areas of such lands which have been offered to the United States and have been approved for acquisition and subsequent Forest Service administration, but to which title had not yet been accepted by the United States.

<sup>3</sup> Less than 500 acres.

Forest Service.

#### FOOTNOTES FOR TABLE 662

<sup>1</sup> Data may not add to totals because of rounding.

<sup>2</sup> Net volume in cubic feet of live sawtimber and poletimber trees from stump to a minimum 4-inch top (of central stem) outside bark or to the point where the central stem breaks into limbs.

<sup>3</sup> Net volume of the saw-log portion of live sawtimber trees in board feet, International ¼-inch log rule. Live trees of commercial species containing at least one 12-foot saw log or two noncontiguous 8-foot saw logs, and meeting regional specifications for freedom from defect. Softwoods must be at least 9.0 inches in diameter at breast height, hardwoods 11.0 inches.

<sup>4</sup> Includes Alaska.

<sup>5</sup> Includes Hawaii.

Forest Service.

**Table 668.—Forest fires: Expenditures for protection on State and private forest lands, United States, fiscal years 1970-84<sup>1</sup>**

Year ending June 30 <sup>2</sup>	Federal <sup>3</sup>	State and county	Private owners	Total expend- itures	Year ending June 30 <sup>2</sup>	Federal <sup>3</sup>	State and county	Private owners	Total expend- itures
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1970 .....	16,440	95,293	1,816	113,549	1978 .....	30,008	181,975	( <sup>4</sup> )	211,983
1971 .....	16,505	106,782	1,387	124,674	1979 .....	30,565	185,627	( <sup>4</sup> )	216,192
1972 .....	20,000	104,732	818	125,550	1980 .....	22,706	<sup>5</sup> 220,722	( <sup>6</sup> )	243,428
1973 .....	20,025	116,013	847	136,885	1981 .....	19,940	<sup>5</sup> 251,806	( <sup>6</sup> )	271,746
1974 .....	20,079	130,286	( <sup>4</sup> )	150,365	1982 .....	11,669	<sup>5</sup> 243,166	( <sup>6</sup> )	254,835
1975 .....	25,182	143,866	( <sup>4</sup> )	169,048	1983 .....	11,478	<sup>5</sup> 233,305	( <sup>6</sup> )	244,783
1976 .....	22,642	167,125	( <sup>4</sup> )	189,767	1984 .....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
1977 .....	20,659	196,304	( <sup>4</sup> )	216,963					

<sup>1</sup> Excludes emergency funds.<sup>2</sup> Fiscal years July 1-June 30 for 1970-76; Oct. 1-Sept. 30 for 1977-84.<sup>3</sup> Excludes administration and inspection costs.<sup>4</sup> Included in "State and county."<sup>5</sup> State funds only.<sup>6</sup> Not available.

Forest Service.

**Table 669.—Forest fires: Number, area burned over, and forest area on national forest land, and State and private lands, United States, 1970-84**

Year	National forest lands			State and private forest lands					
	Fires	Area burned over	National forest area under Forest Service adminis- tration <sup>1</sup>	On protected area			On unprotected area		
				Fires	Area burned over	Forest area	Fires	Area burned over	Forest area
	Number	1,000 acres	1,000 acres	Number	1,000 acres	1,000 acres	Number	1,000 acres	1,000 acres
1970 .....	11,386	446	182,571	101,455	1,541	520,501	5,313	1,019	45,751
1971 .....	9,233	117	182,578	91,673	1,827	574,443	3,558	733	39,528
1972 .....	11,184	95	182,774	83,010	1,050	631,162	25,607	359	59,581
1973 .....	9,608	134	183,014	78,877	1,086	626,523	26,274	153	63,959
1974 .....	10,625	138	183,045	105,835	1,511	708,129	24,993	168	63,885
1975 .....	8,646	153	183,280	91,026	1,119	726,356	31,574	264	70,848
1976 .....	11,006	108	183,381	157,035	2,119	737,228	68,864	2,472	101,192
1977 .....	11,474	391	183,447	142,577	2,096	748,692	15,148	254	98,501
1978 .....	9,971	86	183,555	130,798	1,553	773,772	73,954	2,156	93,972
1979 .....	9,181	328	183,187	104,413	1,317	783,609	44,915	433	89,518
1980 .....	8,908	251	183,060	141,035	2,348	805,927	79,233	2,162	115,204
1981 .....	10,361	164	186,442	173,808	3,235	840,163	60,211	634	103,307
1982 .....	6,463	33	186,559	90,964	1,100	843,804	73,105	950	96,431
1983 .....	5,619	47	186,532	84,725	944	851,463	66,480	3,120	200,733
1984 <sup>2</sup> .....	10,127	141	186,384	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> As of June 30 for 1970-75; as of September 30 for 1976-84.<sup>2</sup> Preliminary.<sup>3</sup> Not available.

Forest Service.

**Table 670.—Forest products cut on National Forest System lands: Volume and value of timber cut and value of all products, United States, fiscal years 1970-84**

Year ending June 30 <sup>1</sup>	Total timber cut <sup>2</sup>		Value of miscel- laneous forest prod- ucts <sup>4</sup>	Total value including free-use timber	Year ending June 30 <sup>1</sup>	Total timber cut <sup>2</sup>		Value of miscel- laneous forest prod- ucts <sup>4</sup>	Total value including free-use timber
	Volume	Value <sup>3</sup>				Volume	Value <sup>3</sup>		
	<i>Million bd. ft.</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>Million bd. ft.</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1970.....	11,527	307,610	695	308,638	1977.....	10,482	732,547	1,002	735,949
1971.....	10,341	257,020	623	258,404	1978.....	10,080	854,682	1,174	858,474
1972.....	11,700	381,957	546	382,946	1979.....	10,377	968,033	1,149	973,018
1973.....	12,357	479,233	515	480,124	1980.....	9,178	729,829	1,064	736,641
1974.....	10,958	508,615	519	509,916	1981.....	8,036	720,922	1,627	728,919
1975.....	9,174	365,952	1,369	368,423	1982.....	6,747	339,215	2,020	348,708
1976.....	9,575	492,029	1,224	<sup>5</sup> 495,367	1983.....	9,244	649,652	1,728	655,874
( <sup>6</sup> ).....	(3,432)	(209,938)	(129)	(210,067)	1984.....	10,549	759,577	1,669	762,220

<sup>1</sup> Fiscal years July 1-June 30 for 1970-76; Oct. 1-Sept. 30 for 1977-84. <sup>2</sup> Commercial and cost sales and land ex-  
changes. <sup>3</sup> Includes collections for forest restoration or improvement under the Knutson-Vanderberg Act, 1930.  
<sup>4</sup> Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish  
moss, etc. <sup>5</sup> Includes free-use timber for 15-month period ending Sept. 30, 1976. <sup>6</sup> Transition quarter July 1,  
1976-Sept. 30, 1976.

Forest Service.

**Table 671.—Lumber: Production, United States, 1970-83**

Year	Total	Soft- woods	Hard- woods	Year	Total	Soft- woods	Hard- woods
	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>		<i>Million bd. ft.</i>	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>
1970.....	34,668	27,530	7,138	1977.....	39,362	32,661	6,701
1971.....	36,988	30,039	6,949	1978.....	40,498	33,467	7,031
1972.....	37,745	30,975	6,770	1979.....	40,569	33,255	7,314
1973.....	38,595	31,586	7,009	1980.....	35,354	28,239	7,115
1974.....	34,608	27,704	6,904	1981.....	30,672	25,420	5,252
1975.....	32,619	26,747	5,872	1982.....	30,010	24,949	5,061
1976.....	36,997	30,571	6,427	1983 <sup>1</sup> .....	36,871	31,415	5,456

<sup>1</sup> Preliminary.

Forest Service.



Table 672.—Timber products: Production, imports, exports, and consumption, United States, 1970-83<sup>1</sup>

Year	Industrial roundwood used for—											
	Lumber				Plywood and veneer				Pulp products			
	Production	Imports	Exports	Consumption	Production	Imports	Exports	Consumption	Production	Imports <sup>2</sup>	Exports <sup>2</sup>	Consumption
	Mil-lion cu.ft. <sup>3</sup>	Mil-lion cu.ft. <sup>3</sup>	Mil-lion cu.ft. <sup>3</sup>	Mil-lion cu.ft. <sup>3</sup>	Mil-lion cu.ft. <sup>3</sup>	Mil-lion cu.ft. <sup>3</sup>	Mil-lion cu.ft. <sup>3</sup>	Mil-lion cu.ft. <sup>3</sup>	Mil-lion cu.ft. <sup>3</sup>	Mil-lion cu.ft. <sup>3</sup>	Mil-lion cu.ft. <sup>3</sup>	Mil-lion cu.ft. <sup>3</sup>
1970.....	5,215	955	195	5,970	1,020	170	15	1,170	3,835	1,280	720	4,400
1971.....	5,390	1,130	165	6,355	1,175	210	15	1,365	3,560	1,310	620	4,255
1972.....	5,535	1,415	215	6,740	1,300	270	25	1,550	3,520	1,365	625	4,260
1973.....	5,670	1,460	300	6,830	1,320	225	40	1,510	3,755	1,460	640	4,575
1974.....	5,095	1,115	270	5,940	1,150	155	50	1,255	4,220	1,470	805	4,885
1975.....	4,890	930	255	5,565	1,165	170	70	1,265	3,485	1,105	715	3,875
1976.....	5,585	1,290	290	6,585	1,355	215	65	1,500	3,805	1,320	710	4,415
1977.....	5,950	1,675	260	7,365	1,425	210	35	1,600	3,645	1,395	725	4,320
1978.....	6,155	1,910	275	7,790	1,460	230	40	1,650	3,745	1,595	720	4,625
1979.....	6,115	1,800	340	7,580	1,370	195	45	1,520	4,110	1,635	805	4,935
1980.....	5,300	1,540	395	6,450	1,175	120	45	1,245	4,390	1,565	1,070	4,885
1981.....	4,610	1,490	380	5,720	1,180	140	70	1,250	4,125	1,515	995	4,645
1982.....	4,635	1,460	320	5,780	1,135	115	50	1,200	3,980	1,410	900	4,495
1983 <sup>4</sup> .....	5,730	1,915	360	7,285	1,365	160	65	1,465	4,180	1,600	965	4,815

Year	Industrial roundwood used for—Continued								Fuel-wood production and consumption	Production, all products	Consumption, all products
	Other industrial products, <sup>5</sup> production and consumption	Logs		Pulp-wood chip exports	Total						
		Imports	Exports		Production	Imports	Exports	Consumption			
	<i>Mil-lion cu. ft.<sup>3</sup></i>	<i>Mil-lion cu. ft.<sup>3</sup></i>	<i>Mil-lion cu. ft.<sup>3</sup></i>	<i>Mil-lion cu. ft.<sup>3</sup></i>	<i>Mil-lion cu. ft.<sup>3</sup></i>	<i>Mil-lion cu. ft.<sup>3</sup></i>	<i>Mil-lion cu. ft.<sup>3</sup></i>	<i>Mil-lion cu. ft.<sup>3</sup></i>	<i>Mil-lion cu. ft.<sup>3</sup></i>	<i>Mil-lion cu. ft.<sup>3</sup></i>	<i>Mil-lion cu. ft.<sup>3</sup></i>
1970.....	425	25	465	145	11,105	2,430	1,540	11,995	540	11,640	12,530
1971.....	415	15	390	110	11,035	2,670	1,295	12,410	500	11,535	12,910
1972.....	405	5	535	140	11,440	3,060	1,545	12,960	475	11,915	13,435
1973.....	405	5	575	200	11,925	3,150	1,755	13,320	505	12,430	13,825
1974.....	395	15	455	230	11,540	2,755	1,805	12,490	535	12,075	13,025
1975.....	385	15	455	195	10,570	2,215	1,685	11,105	570	11,140	11,675
1976.....	375	15	555	245	11,925	2,840	1,870	12,895	600	12,525	13,495
1977.....	385	30	525	250	12,185	3,310	1,795	13,700	1,030	13,215	14,730
1978.....	400	20	585	225	12,575	3,755	1,845	14,485	1,570	14,145	16,055
1979.....	410	25	670	280	12,955	3,655	2,135	14,470	2,270	15,225	16,740
1980.....	390	25	560	275	12,090	3,250	2,350	12,995	3,115	15,210	16,110
1981.....	350	20	425	220	10,915	3,165	2,090	11,985	3,650	14,565	15,635
1982.....	345	20	550	175	10,825	3,015	1,995	11,840	3,685	14,510	15,525
1983 <sup>4</sup> .....	400	30	565	155	12,395	3,705	2,105	13,995	4,120	16,515	18,115

<sup>1</sup> Data may not add to totals because of rounding.<sup>2</sup> Includes both pulpwood and the pulpwood equivalent of woodpulp, paper, and board.<sup>3</sup> Roundwood equivalent.<sup>4</sup> Preliminary.<sup>5</sup> Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, excelsior bolts, chemical wood, shingle bolts, and miscellaneous items.

Forest Service.

**Table 673.—Timber prices: Average stumpage prices for sawtimber sold from national forests, by selected species, 1970-84**

Year	Douglas-fir <sup>1</sup>	Southern pine <sup>2</sup>	Ponderosa pine <sup>3</sup>	Western hemlock <sup>4</sup>	All eastern hardwoods <sup>5</sup>	Oak, white, red, and black <sup>5</sup>	Maple <sup>5</sup>
	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>
1970.....	41.90	44.10	32.10	20.50	26.90	26.60	34.40
1971.....	49.00	52.20	37.60	20.60	24.60	21.20	37.80
1972.....	71.70	65.60	65.80	49.00	34.30	26.60	59.40
1973.....	138.10	93.40	92.30	99.20	46.00	43.60	71.40
1974.....	202.40	76.20	100.60	110.80	45.90	54.70	79.50
1975.....	169.50	57.00	71.20	68.80	33.90	29.70	39.60
1976.....	176.20	87.00	101.80	79.70	34.90	43.40	36.60
1977.....	225.90	100.30	131.40	89.30	37.90	60.00	42.10
1978.....	250.30	134.50	164.70	113.60	41.10	59.20	57.40
1979.....	394.40	155.20	239.00	200.80	46.80	68.80	33.90
1980.....	432.20	155.40	206.10	212.70	52.40	65.60	37.40
1981.....	350.20	172.00	195.20	163.40	50.90	63.20	41.50
1982.....	118.20	127.20	66.90	44.50	56.40	70.80	34.30
1983.....	161.60	140.60	104.00	62.20	60.10	87.90	25.00
1984.....	132.90	139.40	122.70	61.80	90.10	145.00	48.60

<sup>1</sup> Western Washington and western Oregon. <sup>2</sup> Southern region. <sup>3</sup> Pacific Southwest region. Includes Jeffrey pine. Prior to 1979, California region. <sup>4</sup> Pacific Northwest region. <sup>5</sup> Eastern and Southern regions.

Forest Service. Forest Service National Forest prices in this table are for timber sold on a Scribner Decimal C log rule basis, except in the Northeastern States where International 1/4-inch log rule is used. Prices include KV payments; exclude timber sold by land exchanges and from land utilization project lands. Data for the years 1970-83 are statistical high bid prices; beginning in 1984, data are high bid prices which include specified road costs.

**Table 674.—Timber products: Producer price indexes, selected products, United States, 1970-84**

[1967=100]

Year	Lumber	Softwood plywood	Wood pulp	Paper	Paper-board	Year	Lumber	Softwood plywood	Wood pulp	Paper	Paper-board
1970.....	113.7	113.6	109.6	111.0	101.1	1978.....	322.4	326.4	266.5	206.1	179.6
1971.....	136.0	127.0	112.1	114.2	102.4	1979.....	354.3	322.3	314.3	229.6	202.1
1972.....	159.4	154.9	111.5	116.3	105.5	1980.....	325.8	308.8	380.3	256.8	234.6
1973.....	205.2	194.0	128.3	121.4	115.1	1981.....	325.1	306.5	397.1	279.8	258.1
1974.....	207.1	186.8	217.8	148.6	152.2	1982.....	310.8	282.1	379.0	286.3	254.9
1975.....	192.5	200.6	283.4	172.9	170.3	1983.....	352.6	310.4	346.9	282.0	250.9
1976.....	233.0	247.6	286.0	182.3	176.0	1984 <sup>1</sup> .....	349.8	303.5	396.6	303.2	281.1
1977.....	276.5	295.8	281.1	194.3	176.2						

<sup>1</sup> Preliminary.

Forest Service. Compiled from reports of the U.S. Department of Labor, Bureau of Labor Statistics.

**Table 675.—Livestock on National Forest System lands: Number grazed, and grazing receipts, United States, 1970-84**

Year	Number grazed <sup>1 2</sup>		Receipts from grazing <sup>4</sup>	Year	Number grazed <sup>1 2</sup>		Receipts from grazing <sup>4</sup>
	Cattle and horses <sup>3</sup>	Sheep and goats			Cattle and horses <sup>3</sup>	Sheep and goats	
	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>
1970.....	1,607	2,105	4,371	1978.....	1,557	1,284	11,037
1971.....	1,606	2,051	5,413	1979.....	1,540	1,251	12,520
1972.....	1,633	2,049	5,515	1980.....	1,521	1,328	15,849
1973.....	1,571	1,598	6,196	1981.....	1,535	1,341	14,889
1974.....	1,580	1,470	7,796	1982.....	1,562	1,340	12,426
1975.....	1,626	1,549	7,665	1983.....	1,609	1,242	10,183
1976.....	1,690	1,750	10,909	1984.....	1,521	1,129	9,617
1977.....	1,587	1,473	11,443				

<sup>1</sup> Data for years 1970-72 are for livestock permitted to graze, 1973-76 are for authorized use, and 1977-84 are number actually grazed. <sup>2</sup> Calendar years through 1976; fiscal years Oct. 1-Sept. 30 for 1977-84. <sup>3</sup> Prior to 1973 data included swine; beginning 1977 includes burros. <sup>4</sup> Fiscal years July 1-June 30 for 1970-76; Oct. 1-Sept. 30 for 1977-84.

Forest Service.

**Table 676.—Livestock on National Forests System lands: Number grazed and grazing receipts for the year ending Sept. 30, 1984, by States**

State or other area	Number grazed		Receipts from grazing	State or other area	Number grazed		Receipts from grazing
	Cattle, horses, and burros	Sheep and goats			Cattle, horses, and burros	Sheep and goats	
	<i>Number</i>	<i>Number</i>	<i>Dollars</i>		<i>Number</i>	<i>Number</i>	<i>Dollars</i>
Ala.....	295		1,396	N. Dak.....	58,999	62	537,049
Ariz.....	130,348	30,119	1,538,338	Ohio.....	360		1,023
Ark.....	6,245		22,097	Okla.....	4,138		26,753
Calif.....	113,771	79,901	596,229	Oreg.....	114,812	52,972	1 514,116
Colo.....	215,175	223,008	1,077,284	S.C.....	31		
Fla.....	2,749		12,117	S. Dak.....	79,423	3,998	591,110
Ga.....	559		3,416	Tex.....	11,185		71,062
Idaho.....	143,306	220,903	758,819	Utah.....	111,730	243,926	657,108
Ill.....	4,937	757	446	Vt.....	70	44	79
Ind.....	116		1,897	Va.....	1,039	86	3,607
Kans.....	5,906		55,705	Wash.....	66,741	12,580	130,172
Ky.....	35		59	W. Va.....	2,144	219	19,770
La.....	3,795		17,771	Wis.....	97		11
Mich.....	81		341	Wyo.....	141,685	183,183	762,735
Minn.....	291			National forests.....	1,325,650	1,105,337	8,076,522
Miss.....	1,484		4,536				
Mo.....	6,054		33,415	National grasslands and land utilization project lands....	195,293	23,484	1,540,971
Mont.....	135,920	34,587	673,768				
Nebr.....	21,722	410	147,599	Total.....	1,520,943	1,128,821	9,617,493
Nev.....	29,841	18,720	343,576				
N. Mex.....	104,038	23,346	1,006,151				
N.Y.....	1,810		7,938				
N.C.....	11						

<sup>1</sup> Includes receipts from Oregon and California Railroad Grant Lands. Forest Service.

**Table 677.—National Forest System lands: Receipts, United States and Puerto Rico, fiscal years 1970-84**

Year ending June 30 <sup>1</sup>	From the use of timber <sup>2</sup>	From the use of grazing	From special land uses, water power, etc.	Total <sup>2</sup>	Year ending June 30 <sup>1</sup>	From the use of timber <sup>2</sup>	From the use of grazing	From special land uses, water power, etc.	Total <sup>2</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1970.....	283,907	4,371	11,425	299,703	1977.....	652,050	11,443	23,076	691,569
1971.....	217,035	5,413	13,741	236,189	1978.....	723,330	11,037	30,989	765,356
1972.....	330,030	5,515	14,462	350,007	1979.....	827,632	12,520	40,885	881,038
1973.....	446,733	6,196	16,819	469,748	1980.....	625,407	15,849	61,619	702,875
1974.....	459,892	7,796	17,996	485,684	1981.....	581,441	14,889	84,403	680,734
1975.....	341,305	7,665	24,091	373,061	1982.....	251,021	12,426	86,777	350,224
1976.....	418,564	10,909	25,190	454,663	1983.....	398,498	10,183	86,628	495,309
( <sup>3</sup> ).....	(196,347)	(1,164)	(7,489)	(205,000)	1984 <sup>4</sup> .....	544,265	9,617	83,467	637,349

<sup>1</sup> Fiscal years July 1-June 30 for 1970-76; Oct. 1-Sept. 30 for 1977-84.

<sup>2</sup> Includes receipts from Oregon and California Railroad Grant Lands.

<sup>3</sup> Transition quarter July 1, 1976-Sept. 30, 1976.

<sup>4</sup> Preliminary.

Forest Service.

**Table 678.—National forests: Payments to States and Puerto Rico from receipts from timber sales, grazing fees, and miscellaneous uses, fiscal years <sup>1</sup> 1983-85 <sup>2</sup>**

State or other areas	1983	1984	1985	State or other areas	1983	1984	1985
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.....	1,243	2,247	1,894	N. Mex.....	1,078	1,284	1,829
Alaska.....	5,430	1,375	1,052	N.Y.....			6
Ariz.....	2,224	3,369	5,153	N.C.....	771	960	846
Ark.....	2,414	5,303	5,783	N. Dak.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Calif.....	18,931	42,551	44,114	Ohio.....	90	75	156
Colo.....	1,725	2,025	2,277	Okla.....	280	700	775
Fla.....	1,956	2,559	2,479	Oreg.....	46,851	69,213	86,544
Ga.....	707	1,081	883	Pa.....	1,092	1,394	1,958
Idaho.....	4,933	6,874	8,647	S.C.....	3,279	3,350	2,665
Ill.....	142	85	109	S. Dak.....	270	621	946
Ind.....	156	164	146	Tenn.....	381	404	532
Ky.....	272	295	321	Tex.....	1,519	4,194	3,868
La.....	2,211	3,874	4,671	Utah.....	676	756	767
Maine.....	20	19	22	Vt.....	110	120	120
Mich.....	892	943	1,213	Va.....	449	583	491
Minn.....	553	663	863	Wash.....	18,108	20,640	25,443
Miss.....	5,396	6,773	6,502	W. Va.....	215	274	326
Mo.....	1,843	1,553	1,436	Wis.....	513	556	728
Mont.....	4,566	4,506	7,844	Wyo.....	660	751	852
Nebr.....	51	36	37	P.R.....	14	13	10
Nev.....	279	252	296				
N.H.....	301	276	333	Total.....	132,601	192,711	224,937

<sup>1</sup> Fiscal years Oct. 1-Sept. 30.<sup>2</sup> Payments under the acts of May 23, 1908 (as amended), July 24, 1956 and Oct. 22, 1976, are 25 percent of total receipts remaining after deducting (a) payments to Arizona and New Mexico on account school section lands administered by Forest Service, (b) appropriations of receipts under laws authorizing such appropriations for acquisition of lands in specified national forests or portions thereof, and (c) receipts from an area of the Superior National Forest, Minnesota, on account of which the State (for the counties) is paid 0.75 percent of the appraised valuation in lieu of 25 percent of the receipts. Payments made in the following year.<sup>3</sup> Less than \$500.

Forest Service.

**Table 679.—National Forest System lands: Number of visitor-days,<sup>1</sup> by States, and Puerto Rico, for the year ending Sept. 30, 1984**

State or other area	Devel- oped sites	Dispersed type	Total	State or other area	Devel- oped sites	Dispersed type	Total
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>		<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
Ala.....	319	735	1,054	N. Mex.....	2,426	3,990	6,416
Alaska.....	548	2,972	3,520	N.Y.....	9	14	22
Ariz.....	4,967	11,410	16,377	N.C.....	1,073	3,013	4,086
Ark.....	489	1,762	2,251	N. Dak.....	243	114	358
Calif.....	22,799	32,678	55,476	Ohio.....	52	324	376
Colo.....	9,463	11,272	20,735	Okla.....	108	291	399
Fla.....	1,568	1,062	2,630	Oreg.....	8,763	11,376	20,140
Ga.....	384	1,891	2,276	Pa.....	463	1,538	2,001
Idaho.....	3,226	7,280	10,506	S.C.....	225	779	1,004
Ill.....	197	604	801	S. Dak.....	458	2,098	2,556
Ind.....	159	230	389	Tenn.....	1,046	1,479	2,525
Kans.....	3	14	17	Tex.....	420	1,546	1,965
Ky.....	632	1,458	2,090	Utah.....	4,940	8,682	13,621
La.....	150	331	480	Vt.....	464	145	609
Maine.....	24	28	52	Va.....	771	2,746	3,516
Mich.....	1,127	3,525	4,653	Wash.....	5,646	8,341	13,987
Minn.....	1,010	3,293	4,303	W. Va.....	366	1,005	1,370
Miss.....	107	1,139	1,246	Wis.....	521	1,408	1,929
Mo.....	418	1,289	1,707	Wyo.....	1,876	3,844	5,719
Mont.....	2,556	6,832	9,388	P.R.....	239	291	530
Nebr.....	40	90	129				
Nev.....	906	1,153	2,059	Total <sup>2</sup> .....	82,259	145,295	227,554
N.H.....	1,061	1,226	2,286				

<sup>1</sup> Recreational use of national forest land and water which aggregates 12 person-hours. This may entail one person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent.<sup>2</sup> Data may not add to totals because of rounding.

Forest Service.



**Table 680.—Hunting and fishing in National Forest System lands: Sportsman use, and population and hunter harvest of big game animals, United States 1970–84**

Year	Visitor-days <sup>1</sup>		Big game <sup>2</sup>		Big game hunterharvest <sup>3</sup>	
	Fishermen	Hunters	Deer	Others <sup>4</sup>	Deer	Others <sup>4</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1970.....	15,239	14,308	3,609	601	493	99
1971.....	14,842	13,130	3,467	602	471	96
1972.....	15,457	13,740	3,292	608	396	84
1973.....	15,761	14,232	3,065	610	376	89
1974.....	16,403	14,423	2,992	636	376	101
1975.....	16,151	14,472	2,809	647	338	97
1976.....	16,098	14,059	2,698	652	312	105
1977.....	16,029	14,517	2,723	686	291	96
1978.....	16,559	14,946	2,778	682	359	106
1979.....	16,776	15,328	2,667	668	354	101
1980.....	17,117	15,747	2,669	656	343	100
1981.....	16,973	16,413	2,791	694	355	103
1982.....	16,463	16,236	2,904	717	401	108
1983.....	15,567	16,129	2,814	746	366	113
1984.....	15,604	15,244	2,738	753	391	109

<sup>1</sup> A visitor-day represents fisherman or hunter use which aggregates 12 person-hours. This may entail one person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. Calendar years through 1977; fiscal years Oct. 1–Sept. 30 for 1978–84.

<sup>2</sup> Inventory as of April 30.

<sup>3</sup> Fiscal years July 1–June 30 for 1970–77; fiscal years May 1–April 30 for 1978–84.

<sup>4</sup> Includes antelope, bear, bison, caribou, elk, javelina, moose, mountain goat, mountain lion, sheep, wild boar, and wolf; data include alligators beginning 1973.

Forest Service.

**Table 681.—Pulpwood consumption, woodpulp production, and paper and board production and consumption, United States, 1970–83**

Year	Pulpwood consumption <sup>1</sup>	Woodpulp production	Paper and board <sup>2</sup>		
			Production	Consumption or new supply <sup>3</sup>	Per capita consumption
	1,000 cords <sup>4</sup>	1,000 tons	1,000 tons	1,000 tons	Pounds
1970.....	67,562	43,546	52,053	56,467	551
1971.....	67,157	43,903	53,368	57,772	556
1972.....	71,538	46,767	57,549	62,279	593
1973.....	73,596	48,327	59,303	64,577	610
1974.....	74,327	48,349	57,952	62,500	584
1975.....	65,373	43,084	50,738	54,134	501
1976.....	72,011	47,721	57,788	61,739	566
1977.....	73,935	49,132	60,485	64,940	590
1978.....	74,170	50,020	61,917	68,045	611
1979.....	77,594	51,177	64,023	69,940	621
1980.....	79,703	52,958	63,865	67,969	597
1981.....	79,350	52,790	64,582	68,793	599
1982.....	77,573	50,986	61,119	65,366	563
1983 <sup>5</sup> .....	82,386	54,808	67,073	71,923	613

<sup>1</sup> Includes changes in stocks.

<sup>2</sup> Excludes hardboard.

<sup>3</sup> Production plus imports and minus exports (excludes products); changes in inventories not taken into account.

<sup>4</sup> One cord equals 123 cubic feet.

<sup>5</sup> Preliminary.

Forest Service. Compiled from U.S. Department of Commerce and American Paper Institute publications.

## CHAPTER XIII

### CONSUMPTION AND FAMILY LIVING

The statistics in this chapter deal with the consumption of food by both rural and urban people, retail price levels, and other aspects of family living of farm people. Data presented here on quantities for food available for consumption are based on material presented in the earlier commodity chapters, but they are shown here at the retail level, a form that is more useful for an analysis of the demand situation faced by the producer. Data on quantities of farm-produced food consumed directly by farm households are presented in the commodity chapters. Its value and the rental value of the farm home are given in the section on farm income, table 584.

**Table 682.—Population: Number of people eating from civilian food supplies, United States, Jan. 1 and July 1, 1970-85**

Year	Jan. 1	July 1	Year	Jan. 1	July 1
	<i>Millions</i>	<i>Millions</i>		<i>Millions</i>	<i>Millions</i>
1970.....	200.5	201.9	1978.....	219.4	220.5
1971.....	203.5	204.9	1979.....	221.8	223.0
1972.....	206.3	207.5	1980.....	224.4	225.6
1973.....	208.6	209.6	1981.....	226.9	227.9
1974.....	210.7	211.6	1982.....	229.1	230.2
1975.....	212.7	213.8	1983.....	231.3	232.3
1976.....	215.0	215.9	1984.....	233.5	234.4
1977.....	217.0	218.1	1985.....	235.6	236.6

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 683.—Food nutrients: Quantities available for consumption per capita per day, United States, 1970-83<sup>1</sup>

Year	Food energy	Protein	Fat	Carbohydrate	Calcium	Phosphorus	Iron	Magnesium	Zinc	Vitamin A value	Thiamin	Riboflavin	Niacin	Vitamin B <sub>6</sub>	Vitamin B <sub>12</sub>	Ascorbic acid
	Calories	Grams	Grams	Grams	Grams	Grams	Milli-grams	Milli-grams	Milli-grams	International units	Milli-grams	Milli-grams	Milli-grams	Milli-grams	Micro-grams	Milli-grams
1970	3,330	100	160	379	0.89	1.50	17.2	338	12.4	8,000	1.95	2.23	23.9	1.97	9.4	108
1971	3,360	101	161	382	90	1.51	17.4	340	12.5	7,900	1.99	2.37	24.1	1.99	9.4	110
1972	3,350	100	161	381	89	1.50	17.2	341	12.5	8,000	1.93	2.36	24.1	1.97	9.3	112
1973	3,320	99	156	387	89	1.49	17.2	345	12.2	7,900	1.91	2.33	23.7	1.94	9.0	112
1974	3,290	99	157	388	86	1.47	17.1	337	12.3	8,100	1.97	2.35	24.4	1.95	9.2	112
1975	3,260	99	152	381	87	1.47	17.2	341	12.3	7,900	1.97	2.38	24.7	1.96	9.0	118
1976	3,380	102	159	392	89	1.51	17.7	347	12.6	8,100	2.10	2.50	26.3	2.00	9.2	117
1977	3,350	101	158	393	88	1.50	17.5	341	12.4	7,800	2.09	2.45	25.9	2.01	9.2	119
1978	3,350	101	158	389	87	1.48	17.2	338	12.4	7,800	2.07	2.43	25.9	1.98	8.8	117
1979	3,420	101	162	397	87	1.49	17.4	343	12.3	8,100	2.14	2.46	26.3	2.02	9.0	120
1980	3,400	100	162	393	86	1.47	17.2	337	12.2	7,800	2.16	2.42	25.8	2.00	8.8	120
1981	3,410	100	163	394	85	1.47	17.3	340	12.2	7,900	2.13	2.39	26.0	1.98	8.9	118
1982	3,380	100	162	390	87	1.47	17.2	342	12.2	7,900	2.09	2.37	25.8	1.99	8.6	119
1983	3,450	102	166	394	88	1.50	18.1	347	12.4	8,100	2.14	2.43	26.2	2.02	8.7	125

<sup>1</sup> Quantities of nutrients computed by Human Nutrition Information Service, on the basis of estimates of per capita food consumption (retail weight), prepared by the Economic Research Service. Includes estimates of home garden produce. No deduction made in nutrient estimates for loss or waste of food in the home, use for pet food, for destruction or loss of nutrients during the preparation of food. Civilian consumption. Data include iron, thiamin, riboflavin, and niacin added to flour and cereal products; the vitamins added primarily as follows: vitamin A value to margarine, milk of all types, flavored milk extenders; vitamin B<sub>6</sub> to cereals, meal replacements, infant formulas; vitamin B<sub>12</sub> to cereals; ascorbic acid to fruit juices and drinks, flavored beverages and dessert powders, flavored milk extenders and cereals. Data reflect for the first time the addition of tea and spices to the Historical Series.

Human Nutrition Information Service.

Table 684.—Food nutrients: Percentage of total contributed by major food groups, 1977 and 1983<sup>1</sup>

Food group and period	Protein		Fat		Carbo- hydrate		Calcium		Phos- phorus		Iron		Magnesi- um		Zinc		Vita- min A value		Thia- min		Ribo- flavin		Niacin		Vita- min B <sub>6</sub>		Vita- min B <sub>12</sub>		Ascor- bic acid			
	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent			
1977	Meat (including pork fat cuts), poultry, and fish	20.8	43.1	36.2	0.1	4.2	28.5	31.6	13.7	48.4	23.4	25.6	22.1	45.9	40.5	72.5	1.9															
	Eggs	1.7	4.5	2.6	1.1	2.4	4.5	4.4	1.3	4.2	2.5	1.6	4.6	1.1	2.2	6.2	0															
	Dairy products, excluding butter	10.4	20.9	11.6	6.2	74.9	34.3	2.5	20.7	20.0	12.8	8.0	37.2	1.3	11.4	19.6	3.5															
	Fats and oils, including butter	17.5	2	42.4	(2)	1	1	1	(2)	1	8.1	(2)	1	(2)	(2)	(2)	0															
	Citrus fruits	2.0	5	1.1	2.1	1.1	1.8	9	2.5	5	1.7	3.0	5	9	1.5	0	28.1															
	Other fruits	2.1	6	3	2.1	1.2	1.2	3.5	4.0	9	5.9	1.7	1.5	1.6	6.5	0	11.7															
	Potatoes and sweetpotatoes	2.9	2.4	.1	5.4	1.1	3.8	4.6	7.4	3.1	5.2	4.9	1.4	6.3	10.2	0	14.6															
	Dark green and deep yellow vege- tables	2	4	(2)	4	1.1	5	1.2	1.7	4	18.8	.7	.8	.5	1.8	0	9.1															
	Other vegetables, including toma- toes	2.3	3.1	3	4.4	4.9	4.9	9.3	10.3	3.9	14.2	6.2	4.3	5.3	10.7	0	27.1															
	Dry beans and peas, nuts, soya flour, and grits	2.9	5.3	3.6	2.0	3.0	6.2	6.6	11.7	4.5	(2)	5.2	1.8	6.3	4.9	0	(2)															
Flour and cereal products	19.9	18.4	1.4	35.7	3.7	13.1	30.3	18.6	11.9	4	42.7	22.0	28.2	10.3	1.6	0																
Sugar and other sweeteners	17.3	(2)	0	38.4	2.3	1	7	4	2.1	7	(2)	3.7	(2)	(2)	0	(2)																
Miscellaneous <sup>2</sup>	.8	.6	1.3	.6	1.8	2.1	4.4	7.5	2.1	7.1	.4	3.7	3.5	.1	0	4.1																
Total <sup>4</sup>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
1983	Meat (including pork fat cuts), poultry, and fish	20.3	42.6	34.1	.1	4.2	28.0	29.1	13.5	46.5	21.2	26.2	21.5	45.7	40.2	71.4	1.8															
	Eggs	1.7	4.3	2.4	1.1	2.3	4.3	4.2	1.3	4.2	2.3	1.5	4.5	.1	2.2	6.5	0															
	Dairy products, excluding butter	10.2	21.3	11.4	5.9	74.5	34.2	2.6	20.1	21.0	12.7	7.6	36.7	1.3	11.0	20.5	3.1															
	Fats and oils, including butter	19.1	2	44.7	(2)	1	1	1	(2)	1	7.7	(2)	1	(2)	(2)	(2)	0															
	Citrus fruits	1.1	.6	1.1	2.3	1.2	.9	.9	2.7	.6	1.8	3.3	.6	1.0	1.7	0	29.8															
	Other fruits	2.3	.7	.4	2.9	1.4	1.3	3.8	4.4	1.0	5.9	1.9	1.8	1.7	7.3	0	12.0															
	Potatoes and sweetpotatoes	2.8	2.3	.1	5.4	1.1	3.7	4.5	7.1	3.0	5.3	4.8	1.4	6.1	9.6	0	13.4															
	Dark green and deep yellow vege- tables	2	4	(2)	4	1.4	.7	1.4	2.0	.5	21.8	.8	1.0	.6	2.1	0	10.0															
	Other vegetables, including toma- toes	2.2	3.0	.3	4.3	4.8	4.8	8.6	10.0	3.8	13.4	6.0	4.3	5.1	10.5	0	25.9															
	Dry beans and peas, nuts, soya flour, and grits	3.0	5.4	3.8	2.0	3.0	6.3	6.3	11.9	4.7	(2)	5.1	1.9	6.6	4.8	0	(2)															
Flour and cereal products	19.7	18.5	1.3	36.2	3.7	13.1	33.2	18.3	12.3	.4	42.3	22.4	28.2	10.5	1.7	0																
Sugar and other sweeteners	16.6	(2)	0	37.6	.4	1	.7	8	1	0	(2)	(2)	(2)	(2)	0	(2)																
Miscellaneous <sup>3</sup>	.9	.7	1.5	.8	1.9	2.3	4.6	8.2	2.4	7.4	.4	3.9	3.5	.1	0	3.9																
Total <sup>4</sup>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

<sup>1</sup> Percentages for food groups are based on nutrient data included in totals in table 683.<sup>2</sup> Less than 0.05 percent.<sup>3</sup> Coffee, tea, spices, chocolate liquor equivalent of cocoa beans, and fortification of products not assigned to a specific food group.<sup>4</sup> Components may not add to total due to rounding.

Human Nutrition Information Service.



**Table 685.—Food consumption: Index of per capita consumption, by major food groups, United States, 1970-84 <sup>1</sup>**

[1967 = 100]

Year	Meat, poultry, fish				Eggs	Dairy products, including butter	Fats and oils			
	Meat <sup>2</sup>	Poultry	Fish	Total			Exclud- ing butter	Including butter		
								Animal	Vegeta- ble	Total
1970.....	104.0	107.0	110.6	104.7	96.3	100.1	107.8	91.0	115.5	105.7
1971.....	106.8	107.6	107.8	106.9	96.8	100.3	106.3	90.6	112.7	103.8
1972.....	104.8	104.7	117.5	105.5	94.3	101.0	110.2	84.6	120.8	106.3
1973.....	97.1	109.2	120.1	99.8	90.2	100.7	110.5	77.0	125.7	106.2
1974.....	103.6	109.3	113.7	104.9	88.5	99.0	108.7	75.9	122.3	103.8
1975.....	100.0	107.9	113.7	101.7	86.2	100.5	108.1	71.0	125.9	104.0
1976.....	106.2	115.2	119.6	108.0	84.3	101.8	114.8	66.1	135.2	108.0
1977.....	105.1	118.4	118.6	107.6	83.5	101.3	111.0	68.3	129.1	104.5
1978.....	100.5	124.3	125.1	105.2	85.0	101.9	114.6	70.2	133.2	108.2
1979.....	97.5	134.6	121.7	104.2	86.7	101.7	117.1	73.7	135.0	110.6
1980.....	98.2	134.6	118.9	104.6	85.0	101.2	118.6	77.1	135.0	111.8
1981.....	97.0	138.6	120.5	104.3	83.0	101.1	120.3	73.5	138.2	112.2
1982.....	93.7	141.8	114.2	101.7	82.1	103.6	121.1	74.6	140.3	114.2
1983.....	96.7	144.3	122.1	105.7	81.3	106.8	123.3	79.3	143.1	117.6
1984.....	96.4	148.8	126.8	105.7	81.1	108.6	121.0	61.4	149.6	115.5

Year	Fruits			Mel- ons <sup>3</sup>	Vegetables				
	Fresh	Pro- cessed	Total		Fresh <sup>3</sup>	Processed			Total <sup>3</sup>
						Canned	Frozen	Total	
1970.....	100.7	104.1	100.5	101.0	101.8	105.6	106.3	105.9	102.9
1971.....	101.0	107.6	99.8	98.2	99.1	104.5	106.7	105.5	100.9
1972.....	91.9	106.8	91.3	93.5	97.9	107.7	109.3	108.4	100.8
1973.....	95.9	108.1	94.9	95.8	101.9	108.2	119.1	113.3	105.0
1974.....	98.2	103.9	94.1	85.7	101.4	100.6	112.7	106.3	102.8
1975.....	106.8	117.5	102.5	88.0	106.0	93.4	105.2	98.9	104.1
1976.....	104.5	116.4	100.6	91.1	106.1	100.5	111.1	105.5	105.8
1977.....	104.3	115.0	100.2	93.8	105.2	102.7	111.4	106.8	105.4
1978.....	104.8	106.4	97.0	94.0	104.5	97.9	117.8	107.1	105.0
1979.....	107.2	110.5	99.7	92.2	108.0	93.0	123.4	107.0	107.6
1980.....	113.6	109.7	103.4	85.6	110.5	97.1	114.0	105.0	109.0
1981.....	112.6	111.4	103.3	94.8	110.8	85.6	127.8	105.0	109.1
1982.....	112.5	110.7	102.6	n.a.	113.5	86.0	119.9	101.6	110.3
1983.....	117.6	119.6	106.7	n.a.	110.2	84.5	123.4	102.4	108.1
1984.....	120.3	110.1	103.4	n.a.	115.7	74.9	133.2	103.2	112.4

Year	Potatoes and sweet- potatoes <sup>3</sup>	Beans, peas, nuts, soya products <sup>3</sup>	Flour and cereal products	Sugars and other sweeten- ers <sup>4</sup>	Coffee, tea, cocoa	All foods		
						Animal products	Crop products	Total
1970.....	108.3	98.3	97.9	105.4	93.4	102.4	102.4	102.4
1971.....	108.1	101.4	98.1	107.3	92.7	103.9	102.4	103.2
1972.....	108.3	100.5	97.2	108.1	98.8	103.4	102.4	102.9
1973.....	107.2	106.5	99.6	108.5	97.2	98.6	104.5	101.2
1974.....	106.3	94.8	98.5	105.6	93.8	101.3	102.1	101.6
1975.....	111.2	106.2	101.1	102.9	88.1	99.2	105.0	101.8
1976.....	107.4	102.3	103.2	108.5	91.9	103.5	107.2	105.2
1977.....	112.9	100.4	101.8	111.4	72.0	103.2	104.0	103.7
1978.....	113.8	100.2	99.6	112.2	78.5	101.9	104.7	103.2
1979.....	118.1	105.6	104.3	113.2	82.4	101.3	107.9	104.2
1980.....	118.6	91.3	103.6	112.5	79.0	101.5	107.1	104.0
1981.....	114.2	99.1	104.1	113.9	78.2	101.1	107.7	104.0
1982.....	116.8	109.8	103.3	113.5	76.1	100.0	108.2	103.6
1983.....	122.0	112.5	102.8	115.6	77.8	103.0	109.8	106.0
1984.....	n.a.	n.a.	104.0	119.2	79.3	103.3	111.9	107.0

<sup>1</sup> Quantities of individual foods on a retail-weight basis are combined into indexes using 1967-69 average retail prices through 1975; 1977-79 prices 1976 and beyond. Index is linked at 1975. <sup>2</sup> Includes edible offals. <sup>3</sup> Data for melons, fresh vegetables, potatoes and sweetpotatoes consumption from home garden products. <sup>4</sup> Corn sugar and sirup are with sugars and other sweeteners.

n.a. not available.

Economic Research Service.

Table 686.—Per capita consumption of major food commodities (retail weight), United States, 1976-84 <sup>1</sup>

Commodity	1976	1977	1978	1979	1980	1981	1982	1983	1984 <sup>2</sup>
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Meats.....	153.0	152.3	146.9	144.8	147.7	145.2	139.3	144.1	143.7
Beef.....	94.4	91.8	87.2	78.0	76.5	77.2	77.2	78.7	78.6
Veal.....	3.3	3.2	2.4	1.7	1.5	1.6	1.6	1.7	1.8
Lamb and mutton.....	1.6	1.5	1.4	1.3	1.4	1.4	1.5	1.5	1.5
Pork.....	53.7	55.8	55.9	63.8	68.3	65.0	59.0	62.2	61.7
Fish (edible weight).....	12.9	12.7	13.4	13.0	12.8	12.9	12.3	13.1	13.6
Canned.....	4.2	4.6	5.0	4.8	4.5	4.8	4.3	4.8	5.0
Fresh and frozen.....	8.2	7.7	8.1	7.8	8.0	7.8	7.7	8.0	8.3
Cured.....	.5	.4	.3	.4	.3	.3	.3	.3	.3
Poultry products:									
Eggs.....	34.3	34.0	34.6	35.3	34.6	33.8	33.4	33.1	33.0
Chicken (ready-to-cook).....	42.7	44.1	46.7	50.6	50.1	51.7	53.1	53.9	55.7
Turkey (ready-to-cook).....	9.1	9.1	9.2	9.9	10.5	10.7	10.8	11.2	11.4
Dairy product:									
Cheese (excluding cottage).....	15.7	16.1	17.0	17.2	17.6	18.4	20.1	20.6	21.7
Canned and bulk whole milk.....	5.0	4.3	4.2	4.1	3.8	4.1	4.1	3.9	3.8
Fluid milk and cream (prod. weight).....	263.9	259.7	257.1	253.0	249.5	245.3	241.7	245.1	244.6
Ice cream (product weight).....	17.9	17.5	17.4	17.1	17.3	17.2	17.5	17.9	18.0
Fats and Oils-Total fat content.....	54.9	53.1	54.7	56.1	57.0	57.5	58.4	59.6	58.6
Butter (actual weight).....	4.3	4.3	4.4	4.5	4.5	4.3	4.6	5.1	5.0
Margarine (actual weight).....	11.9	11.4	11.2	11.2	11.3	11.2	11.1	10.4	10.4
Lard.....	2.6	2.2	2.2	2.4	2.4	2.5	2.5	1.8	2.1
Shortening.....	17.7	17.2	17.8	18.4	18.2	18.5	18.7	18.5	21.3
Other edible fats and oils.....	21.5	21.0	22.1	22.4	22.7	23.5	23.2	24.8	21.2
Fruits:									
Fresh.....	81.3	79.4	80.5	81.2	86.7	83.9	83.9	87.5	86.6
Citrus.....	28.1	25.3	25.6	23.7	28.1	24.2	23.9	27.7	23.0
Noncitrus.....	53.2	54.2	55.0	57.5	58.6	59.7	60.0	61.5	63.6
Processed:									
Canned fruit.....	18.6	19.0	17.9	17.8	17.4	16.4	*12.9	*12.9	*8.9
Canned juice.....	14.5	13.6	16.5	16.9	16.7	19.1	13.7	16.2	n.a.
Frozen (included juices).....	13.6	14.0	12.5	12.6	13.0	12.7	14.1	15.1	13.5
Chilled citrus juices.....	6.1	5.7	6.1	5.5	5.9	4.1	3.5	4.1	3.7
Dried.....	2.6	2.5	2.1	2.6	2.4	2.7	2.9	2.9	n.a.
Vegetables:									
Fresh <sup>3</sup> .....	92.8	93.6	94.3	96.5	99.0	95.7	*71.2	*71.0	*75.4
Canned (excluding potatoes).....	53.0	53.1	51.8	53.2	48.5	45.6	45.6	47.1	n.a.
Frozen (excluding potatoes).....	10.1	10.2	10.7	11.2	10.4	11.6	10.7	11.1	12.0
Fresh potatoes.....	48.5	51.5	48.8	52.1	53.9	46.3	48.1	51.9	n.a.
Frozen potato products.....	14.6	15.7	17.2	17.7	16.9	18.2	18.1	18.7	17.4
Sweetpotatoes <sup>5</sup> .....	4.6	4.0	3.8	4.1	3.8	3.4	4.4	4.5	n.a.
Grains:									
Wheat flour <sup>6</sup> .....	119.1	115.5	115.2	117.2	116.9	115.9	119.6	116.1	117.8
Rice.....	7.1	7.5	5.7	9.4	9.4	11.0	11.8	9.8	8.6
Other:									
Coffee.....	9.4	6.9	7.9	8.5	7.7	7.7	7.5	7.6	7.7
Cocoa.....	3.0	2.6	2.6	2.6	2.6	2.9	3.0	3.3	3.6
Peanuts (shelled).....	6.2	6.3	6.8	6.8	5.5	6.4	6.7	6.7	6.9
Dry edible beans.....	6.0	6.2	4.8	4.7	4.6	5.7	6.0	6.2	n.a.
Melons.....	18.3	19.1	19.8	18.9	16.9	18.8	n.a.	n.a.	n.a.
Sugar (refined).....	93.4	94.2	91.4	89.3	83.7	79.4	73.7	71.0	67.5
Corn sweeteners <sup>7</sup> .....	37.3	39.8	43.3	47.2	52.7	58.8	63.8	69.4	77.3
Soft drinks (gallons).....	30.6	33.3	35.4	36.8	37.8	38.9	39.6	40.0	n.a.

<sup>1</sup> Quantity in pounds, retail weight unless otherwise shown. Data on calendar year basis except for dried fruits, fresh citrus fruits, peanuts, dry beans, and rice which are on a crop-year basis. <sup>2</sup> Preliminary. <sup>3</sup> Commercial production for sale as fresh produce. <sup>4</sup> Not comparable to previous years due to crop reporting cutbacks.

<sup>5</sup> Table stock and processed. <sup>6</sup> White, whole wheat, semolina, and durum flour. <sup>7</sup> Fructose and glucose.  
n.a. not available.

Economic Research Service.

Historical consumption and supply-utilization data for food may be found in *Food Consumption, Prices and Expenditures, 1963-83, Statistical Bulletin 713, ERS, USDA*.

**Table 687.—Food plans: Food cost at home, at four cost levels, for families and individuals in the United States and for families by region, for one week, January 1985 <sup>1</sup>**

Region and sex-age groups	Thrifty plan	Low-cost plan	Moderate-cost plan	Liberal plan
	Dollars	Dollars	Dollars	Dollars
<b>FAMILIES</b>				
United States:				
Family of 2: <sup>2</sup>				
20-50 years .....	37.00	46.50	57.20	70.60
51 years and over .....	35.00	44.40	54.60	65.20
Family of 4:				
Children, 1-2 and 3-5 years .....	53.80	66.90	81.40	99.50
Children, 6-8 and 9-11 years .....	61.80	78.60	98.10	117.70
<b>INDIVIDUALS <sup>3</sup></b>				
United States:				
Child:				
1-2 years .....	9.70	11.70	13.60	16.30
3-5 years .....	10.50	12.90	15.80	19.00
6-8 years .....	12.90	17.00	21.30	24.80
9-11 years .....	15.30	19.30	24.80	28.70
Male:				
12-14 years .....	16.00	22.00	27.40	32.10
15-19 years .....	16.70	22.80	28.20	32.60
20-50 years .....	17.70	22.50	28.10	33.80
51 years and over .....	16.10	21.30	26.10	31.30
Female:				
12-19 years .....	15.90	19.00	23.00	27.70
20-50 years .....	15.90	19.80	23.90	30.40
51 years and over .....	15.70	19.10	23.50	28.00
<b>FAMILIES</b>				
Northeast:				
Family of 2: <sup>2</sup>				
20-50 years .....		49.10	59.50	74.50
51 years and over .....		46.60	56.80	68.50
Family of 4:				
Children, 1-2 and 3-5 years .....		70.30	84.50	104.60
Children, 6-8 and 9-11 years .....		82.60	101.80	123.90
North Central:				
Family of 2: <sup>2</sup>				
20-50 years .....		43.60	54.00	65.20
51 years and over .....		42.00	51.80	60.60
Family of 4:				
Children, 1-2 and 3-5 years .....		62.80	77.20	92.50
Children, 6-8 and 9-11 years .....		74.00	93.00	109.40
South:				
Family of 2: <sup>2</sup>				
20-50 years .....		44.70	54.60	66.10
51 years and over .....		42.70	51.70	60.80
Family of 4:				
Children, 1-2 and 3-5 years .....		64.50	77.60	93.10
Children, 6-8 and 9-11 years .....		75.90	93.60	110.30
West:				
Family of 2: <sup>2</sup>				
20-50 years .....		48.50	58.50	73.00
51 years and over .....		46.10	56.30	67.90
Family of 4:				
Children, 1-2 and 3-5 years .....		70.00	83.60	103.00
Children, 6-8 and 9-11 years .....		82.40	100.70	121.80

<sup>1</sup> Estimates for the thrifty food plan were computed from quantities of foods published in *Family Economics Review* (1984 No. 1). Estimates for the other plans were computed from quantities of foods published in *Family Economics Review* (1983 No. 2). The costs of the food plans are estimated by updating prices paid by households surveyed in 1977-78 in USDA's Nationwide Food Consumption Survey. These prices were adjusted to current levels by using food price information released periodically by the Bureau of Labor Statistics.

<sup>2</sup> Ten percent added for family size adjustment. (See footnote 3.)

<sup>3</sup> The costs given are for individuals in 4-person families. For individuals in other size families, the following adjustments are suggested: 1-person-add 20 percent; 2-person-add 10 percent; 3-person-add 5 percent; 5- or 6-person-subtract 5 percent; 7-or-more-person-subtract 10 percent.

Human Nutrition Information Service.

**Table 688.—Food and Nutrition Service programs: Quantity and cost of Federal assistance to School Lunch, Breakfast, and Special Milk Programs, and to institutions and needy persons, fiscal years 1970–84**

Fiscal year <sup>1</sup>	Child nutrition					Special milk		Institutions and needy persons (food distributed) <sup>4</sup>	
	Cash payments			Food distributed <sup>3</sup>		Quantity	Cash payments	Quantity	Cost
	Lunch	Breakfast	Equipment assistance <sup>2</sup>	Quantity	Cost				
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 ½ pints</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
1970.....	300,258	10,786	16,705	1,073,205	265,193	2,901,931	101,164	1,320,381	311,876
1971.....	532,193	19,383	36,404	1,108,657	277,347	2,569,975	91,082	1,465,652	345,704
1972.....	738,764	24,934	16,646	989,347	312,068	2,498,215	90,286	1,368,741	337,270
1973.....	882,162	34,602	15,156	980,081	257,688	2,560,711	90,762	1,109,563	282,077
1974.....	1,085,314	59,120	27,191	960,862	386,903	1,425,923	49,158	708,102	229,288
1975.....	1,289,018	86,075	26,283	763,956	423,453	2,138,992	122,924	201,275	75,996
1976.....	1,491,545	113,650	26,078	853,252	429,590	2,206,846	138,549	131,121	53,518
1977.....	1,684,225	154,712	26,602	1,101,384	555,215	2,205,239	156,712	150,338	62,036
1978.....	1,830,920	183,834	25,953	1,262,529	631,457	1,986,900	135,211	167,750	92,116
1979.....	2,005,741	236,160	24,026	1,577,829	764,718	1,821,061	136,588	253,982	145,331
1980.....	2,279,403	287,766	20,000	1,685,430	846,216	1,790,061	144,930	272,271	130,109
1981.....	2,380,621	331,673	15,000	1,292,852	922,745	1,529,044	100,641	323,600	141,460
1982.....	2,185,445	317,300	.....	1,122,729	756,306	201,870	18,285	460,008	369,297
1983.....	2,401,771	343,790	.....	1,187,123	804,344	188,986	17,444	1,224,708	1,261,449
1984 <sup>5</sup> .....	2,507,307	364,740	.....	1,230,706	823,823	174,352	16,037	1,306,681	1,345,683

<sup>1</sup> July 1 to June 30 for fiscal years 1970–76; October 1–September 30 beginning fiscal year 1977.

<sup>2</sup> Program terminated at the end of fiscal year 1981.

<sup>3</sup> Includes distribution of entitlement and bonus commodities to Lunch, Breakfast, Child Care and Summer Feeding Programs.

<sup>4</sup> Includes distribution of entitlement and bonus commodities to Charitable Institutions, Summer Camps, Indian Reservations, Elderly Feeding, Commodity Supplemental, Elderly Pilot Projects, and Emergency Feeding Programs.

<sup>5</sup> Preliminary.

Food and Nutrition Service.



Table 689.—Food Stamp Program: Participation and value of coupons issued, fiscal years 1970-84

Fiscal year <sup>1</sup>	Number of participating areas	Average monthly participation	Value of coupons issued		
			Total	Paid for by participants	Recipient benefits
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1970 .....	1,747	4,340,030	1,089,961	540,297	549,664
1971 .....	2,027	9,367,908	2,713,273	1,190,524	1,522,749
1972 .....	2,126	11,109,074	3,308,648	1,511,362	1,797,286
1973 .....	2,228	12,165,682	3,883,952	1,752,547	2,131,405
1974 .....	2,818	12,861,526	4,727,451	2,009,155	2,718,296
1975 .....	3,035	17,064,196	7,265,642	2,880,141	4,385,501
1976 .....	3,035	18,548,715	8,700,209	3,373,704	5,326,505
1977 <sup>1</sup> .....	3,035	17,077,149	8,351,112	3,284,162	5,066,950
1978 .....	3,037	16,000,835	8,279,796	3,140,580	5,139,216
1979 .....	2,950	17,652,890	7,225,499	<sup>2</sup> 745,310	6,480,189
1980 .....	2,922	21,070,987	8,685,379	( <sup>2</sup> )	8,685,379
1981 .....	2,924	22,389,651	10,629,913	( <sup>2</sup> )	10,629,913
1982 <sup>3</sup> .....	2,924	22,133,408	10,408,682	( <sup>2</sup> )	10,408,682
1983 .....	2,911	21,584,560	11,155,098	( <sup>2</sup> )	11,155,098
1984 <sup>4</sup> .....	2,911	20,816,950	10,687,973	( <sup>2</sup> )	10,687,973

<sup>1</sup> Data for fiscal years July 1 to June 30 for 1970-76; October 1 to September 30 beginning 1977.

<sup>2</sup> Recipient payments phased out, effective January 1, 1979; equivalent benefit levels maintained, without requiring cash outlay by recipient.

<sup>3</sup> Omits Puerto Rico beginning July 1, 1982 when their nutrition assistance program began.

<sup>4</sup> Preliminary.

Food and Nutrition Service.

Table 690.—Food and Nutrition Service programs: Cash payments made under the National School Lunch, School Breakfast, Child Care, Summer Feeding and Special Milk Programs and the value of food benefits provided under the Food Stamp, WIC, Commodity Distribution and Temporary Emergency Feeding Food Programs, Fiscal Year 1984<sup>1</sup>

State or Territory	Child Nutrition Program (Cash payments only)					Special Supplemental Food (WIC)	Commodity distribution <sup>2 3</sup>	Food Stamp Program <sup>4</sup>	TEFAP <sup>5</sup>	Total
	Child Care Food	Summer Feeding	Special Milk	National School Lunch	Breakfast					
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	8,266	3,308	38	66,297	10,640	24,036	22,031	319,528	26,352	480,496
Alaska.....	1,724	2	23	5,440	501	2,274	2,027	19,854	0	31,845
Ariz.....	6,548	638	396	27,215	4,264	18,339	20,077	127,174	12,024	216,975
Ark.....	2,992	121	25	29,615	4,471	12,345	12,090	138,042	12,721	212,422
Calif.....	36,972	7,514	835	260,768	45,665	93,001	96,174	655,215	97,156	1,293,300
Colo.....	8,950	667	96	22,778	1,946	10,335	16,960	93,257	9,420	164,409
Conn.....	3,439	1,077	535	20,192	923	17,556	11,446	64,965	9,522	129,655
Del.....	1,321	591	36	5,027	913	2,269	3,456	24,407	1,927	39,947
D.C.....	1,475	272	27	8,350	1,428	4,042	5,898	42,341	5,573	69,406
Fla.....	12,815	3,841	130	111,572	18,783	32,210	39,799	379,274	21,059	619,483
Ga.....	12,163	1,681	65	85,913	13,738	39,087	30,521	294,980	22,416	500,564
Guam.....	11	0	0	2,141	702	944	484	18,553	550	23,385
Hawaii.....	1,257	297	13	13,460	2,023	2,943	3,836	79,762	3,348	106,393
Idaho.....	1,010	56	77	9,507	275	4,884	5,944	36,655	4,831	63,239
Ill.....	14,730	3,083	2,570	106,907	10,291	42,956	40,668	696,400	67,094	984,699
Ind.....	4,932	971	240	40,530	2,996	17,520	25,017	253,593	44,886	390,685
Iowa.....	3,140	284	145	24,493	1,049	9,871	19,079	104,129	18,822	181,012
Kans.....	4,208	155	88	19,632	615	7,421	3,398	67,433	8,430	111,380
Ky.....	3,349	1,139	107	52,587	11,761	24,558	25,216	335,158	32,423	486,298
La.....	11,099	1,773	99	76,561	11,650	37,407	32,716	322,181	25,742	519,226
Maine.....	1,807	238	75	11,987	735	5,497	5,399	63,805	4,487	94,030
Md.....	5,105	1,418	309	33,724	4,159	15,388	17,884	168,778	13,942	261,157
Mass.....	11,144	1,511	458	41,865	4,448	18,858	22,264	182,482	17,703	300,733
Mich.....	12,393	3,455	1,047	76,639	4,254	44,780	45,344	581,815	47,344	817,071
Minn.....	13,127	679	406	31,362	1,553	17,666	22,009	97,220	26,545	210,567
Miss.....	10,434	1,834	13	56,978	11,894	24,115	16,111	257,701	14,262	393,342
Mo.....	6,186	1,021	266	46,472	5,246	22,767	21,146	209,484	19,483	332,071
Mont.....	1,706	113	63	6,765	549	4,016	6,964	29,333	3,850	53,359
Nebr.....	3,331	166	102	12,685	642	5,157	8,937	41,022	6,308	78,350
Nev.....	458	78	25	4,424	929	4,449	3,519	21,120	3,439	38,441
N.H.....	948	204	234	5,943	420	4,442	4,061	17,531	2,050	35,533
N.J.....	8,991	3,598	880	57,948	4,493	22,360	27,055	265,568	12,485	403,378
N. Mex.....	4,193	661	35	22,111	2,787	8,277	7,535	85,483	7,778	138,555
N.Y.....	31,451	17,279	2,096	187,264	28,688	101,845	76,461	902,149	64,349	1,411,582
N.C.....	7,560	1,657	91	83,667	19,175	33,810	31,935	238,165	19,719	435,779
N. Dak.....	2,444	104	16	5,712	283	4,251	6,311	14,485	2,316	35,922
No. Marianas.....	64	0	0	846	330	0	68	2,976	0	4,636
Ohio.....	10,067	1,647	1,180	95,382	13,553	50,357	39,046	674,933	46,571	932,736
Okl.....	4,316	336	18	32,487	4,684	17,667	24,688	121,722	24,218	230,136
Oreg.....	3,337	243	171	20,549	1,721	11,714	11,972	139,256	12,294	201,257
Pa.....	10,788	6,364	617	92,268	5,782	41,206	58,312	557,759	76,939	850,085
P.R.....	0	1,804	0	91,823	13,975	45,359	19,550	0	6,483	178,994
R.I.....	1,059	559	90	7,196	764	4,940	3,018	36,805	2,678	57,109
Samoa.....	0	0	0	1,729	914	0	306	0	0	2,949
S.C.....	4,355	1,809	30	54,569	8,957	25,597	17,547	201,521	15,511	329,896
S. Dak.....	1,271	344	30	8,369	1,113	4,159	11,337	24,337	5,110	56,070
Tenn.....	5,470	1,233	42	58,634	10,883	23,776	30,245	289,611	23,944	443,838
Tex.....	19,391	2,284	143	190,431	47,055	68,058	75,580	665,947	42,510	1,111,399
Trust Territory.....	0	0	0	6,565	1,834	0	2,191	0	0	10,590
Utah.....	3,803	126	47	15,303	538	8,347	8,846	39,433	6,873	83,316
Vt.....	484	38	169	4,024	65	5,442	2,400	20,720	2,452	35,794
Va.....	5,019	1,009	148	52,345	5,766	20,698	26,448	197,610	17,432	326,475
V.I.....	330	212	2	3,633	71	2,637	890	24,124	1,286	33,385
Wash.....	10,473	459	302	30,365	2,482	13,500	17,536	134,862	21,345	231,324
W. Va.....	1,956	511	25	27,023	7,291	9,464	10,226	151,932	16,490	224,918
Wis.....	4,129	523	1,340	35,129	1,980	19,486	24,211	141,354	23,813	251,965
Wyo.....	988	19	22	3,227	93	2,541	2,621	14,029	3,195	26,735
Dept. of Defense.....	0	0	0	879	0	0	2,799	0	0	3,678
Total.....	348,979	81,006	16,037	2,507,307	364,740	1,117,274	1,129,609	10,687,973	1,039,897	17,292,822

<sup>1</sup> Preliminary.

<sup>2</sup> Includes distribution of entitlement and bonus commodities to Schools, Child Care, Summer Feeding, Charitable Institutions, Summer Camps, Indian Reservations, Elderly Feeding, Commodity Supplemental, and Elderly Pilot Projects.

<sup>3</sup> Excludes \$128.3 million cash-in-lieu of commodities to School Lunch, Child Care, and Elderly Feeding Programs.

<sup>4</sup> Excludes \$13.6 million to Food Stamp Supplemental Security Income elderly recipients and \$825.0 million to Puerto Rico under the nutrition assistance grant program.

<sup>5</sup> Includes the value of commodities provided under the Temporary Emergency Food Assistance Program.

Food and Nutrition Service.

**Table 691.—Food and Nutrition Service programs: Persons participating, fiscal years 1970-84 <sup>1</sup>**

Fiscal year <sup>2</sup>	National School Lunch Program	School Breakfast Program
	<i>Thousands</i>	<i>Thousands</i>
1970.....	23,127	536
1971.....	24,640	960
1972.....	24,941	1,140
1973.....	25,163	1,313
1974.....	25,019	1,534
1975.....	25,289	1,993
1976.....	26,041	2,326
1977.....	26,676	2,627
1978.....	27,062	2,960
1979.....	27,322	3,488
1980.....	27,011	3,713
1981.....	26,843	3,996
1982.....	23,165	3,447
1983.....	23,415	3,480
1984 <sup>3</sup> .....	23,820	3,566

<sup>1</sup> Averages for the 9 months of the school year contained in that fiscal year.

<sup>2</sup> Data for fiscal years July 1-June 30 for 1970-76; Oct. 1-Sept. 30 beginning fiscal year 1977.

<sup>3</sup> Preliminary.

Food and Nutrition Service.

**Table 692.—Consumers' prices: Index number of prices paid for goods and services, United States, 1970-84 <sup>1</sup>**

[1967=100]

Year	Food	Nonfood items							All items
		Apparel and upkeep	Housing		Transportation	Medical care	Personal care	Other goods and services	
			Total	Rent					
1970.....	114.9	116.1	118.2	110.1	112.7	120.6	113.2	116.8	116.3
1971.....	118.4	119.8	123.4	115.2	118.6	128.4	116.8	122.4	121.3
1972.....	123.5	122.3	128.1	119.2	119.9	132.5	119.8	127.5	125.3
1973.....	141.4	126.8	133.7	124.3	123.8	137.7	125.2	132.5	133.1
1974.....	161.7	136.2	148.8	130.6	137.7	150.5	137.3	142.0	147.7
1975.....	175.4	142.3	164.5	137.3	150.6	168.6	150.7	153.9	161.2
1976.....	180.8	147.6	174.6	144.7	165.5	184.7	160.5	162.7	170.5
1977.....	192.2	154.2	186.5	153.5	177.2	202.4	170.9	172.2	181.5
1978.....	211.4	159.6	202.8	164.0	185.5	219.4	182.0	183.3	195.4
1979.....	234.5	166.6	227.6	176.0	212.0	239.7	195.8	196.7	217.4
1980.....	254.6	178.4	263.3	191.6	249.7	265.9	213.1	214.5	246.8
1981.....	274.6	186.9	293.5	208.2	280.0	294.5	232.0	235.7	272.4
1982.....	285.7	191.8	314.7	224.0	291.5	328.7	248.3	259.9	289.1
1983.....	291.7	196.5	323.1	236.9	298.4	357.3	261.1	288.3	298.4
1984.....	302.9	200.2	336.5	249.3	311.7	379.5	271.4	307.7	311.1

<sup>1</sup> Reflects retail prices of goods and services usually bought by average families in urban areas of the United States. This index is the official index released monthly by the U.S. Department of Labor. Beginning 1978 data are for all urban consumers; earlier data are for urban wage earners and clerical workers.

Economic Research Service. Compiled from data of the U.S. Department of Labor.

Table 693.—Number of foodservice establishments, by industry segment, 1977-84

Industry segment	1977	1978	1979	1980	1981	1982	1983	1984
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Separate eating places:								
Restaurants, lunchrooms.....	118,896	119,687	120,478	121,269	122,060	122,851	123,642	124,433
Fast food outlets.....	100,493	103,818	107,143	110,469	113,794	117,119	120,444	123,769
Cafeterias.....	7,001	6,807	6,612	6,418	6,223	6,029	5,835	5,640
Total <sup>1</sup> .....	229,892	230,323	234,245	238,167	242,089	249,558	249,932	253,854
Lodging places.....	25,931	25,338	24,745	24,152	23,559	24,448	23,855	23,262
Retail hosts.....	60,652	60,037	59,422	58,808	58,193	57,578	56,963	56,348
Recreation, entertainment.....	33,619	33,713	33,808	33,902	33,996	34,093	34,188	34,282
Separate drinking places.....	51,408	50,022	48,636	47,250	45,864	44,478	43,092	41,706
Commercial feeding total <sup>1</sup> .....	401,502	399,434	400,856	402,278	403,701	410,155	408,030	409,453
Education:								
Elementary, secondary.....	91,300	93,000	94,300	94,100	92,900	91,300	90,600	89,600
Colleges, universities.....	3,095	3,134	3,152	3,231	3,253	3,280	3,284	3,288
Other education.....	2,930	2,939	2,948	2,957	2,925	2,966	2,975	3,000
Total <sup>1</sup> .....	97,325	99,073	100,400	100,288	99,078	97,546	96,859	95,888
Plants, office buildings.....	15,187	15,655	15,905	15,780	15,747	15,414	15,409	15,846
Hospitals.....	7,099	7,015	6,988	6,965	6,933	6,915	6,888	6,861
Care facilities.....	21,117	21,766	22,416	23,065	24,941	26,817	27,875	28,933
Vending.....	3,737	3,711	3,685	3,660	3,634	3,608	3,582	3,556
Military services:								
Troop feeding.....	1,435	1,431	1,359	1,275	1,389	1,387	1,341	1,310
Clubs, exchanges.....	2,536	2,478	2,457	2,448	2,435	2,431	2,420	2,042
Total <sup>1</sup> .....	3,971	3,909	3,816	3,723	3,824	3,818	3,761	3,352
Transportation.....	799	767	740	696	714	664	644	642
Associations.....	18,966	19,027	19,088	19,150	19,211	19,272	19,333	19,394
Correctional facilities.....	6,907	6,906	6,871	6,924	6,977	7,031	7,085	7,164
Child day care centers.....	18,967	24,971	30,309	45,155	64,657	70,679	78,800	84,175
Elderly feeding programs.....	11,173	11,616	12,077	12,556	12,915	13,246	13,993	14,035
Other.....	17,757	17,308	16,117	15,914	15,841	16,159	16,479	16,799
Noncommercial feeding total <sup>1</sup> .....	223,005	231,724	238,412	253,875	274,472	281,169	290,708	296,645
Grand total <sup>1</sup> .....	624,507	631,157	639,268	656,153	678,172	691,324	698,738	706,098

<sup>1</sup> Totals may not add due to rounding.  
Economic Research Service.



Table 694.—Foodservice food use, by industry segment, 1977-84

Industry segment	1977	1978	1979	1980	1981	1982	1983	1984
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Separate eating places:								
Restaurants, lunchroom .....	14,254	15,327	15,946	15,407	15,402	15,425	16,150	16,774
Fast food outlets .....	10,577	10,602	10,771	11,201	11,286	12,404	13,645	14,786
Cafeterias .....	2,042	2,143	2,175	2,049	1,996	1,986	2,024	2,044
Total <sup>1</sup> .....	27,061	28,206	29,009	28,918	28,980	30,191	32,281	34,136
Lodging places .....	1,896	2,144	2,215	2,126	2,162	2,114	2,220	2,290
Retail hosts .....	1,951	1,987	1,986	1,923	1,914	1,868	1,960	2,082
Recreation, entertainment .....	3,365	3,107	3,057	3,114	2,989	3,230	3,403	3,584
Separate drinking places .....	1,744	1,634	1,535	1,470	1,375	1,278	1,239	1,151
Commercial feeding total <sup>1</sup> .....	36,016	37,078	37,802	37,551	37,419	38,682	41,103	43,243
Education:								
Elementary, secondary .....	8,778	8,877	9,156	9,312	9,044	8,047	8,153	8,214
Colleges, universities .....	3,748	3,514	3,417	3,520	3,575	3,786	4,043	4,084
Other education .....	167	162	162	167	174	190	209	217
Total <sup>1</sup> .....	12,692	12,553	12,734	12,998	12,792	12,023	12,405	12,515
Plants, office building .....	2,506	2,616	2,691	2,705	2,734	2,711	2,746	2,860
Hospitals .....	3,258	3,185	3,188	3,240	3,243	3,219	3,142	3,069
Care facilities .....	1,858	1,966	2,089	2,222	2,372	2,733	2,812	2,854
Vending .....	1,753	1,694	1,644	1,622	1,531	1,468	1,465	1,492
Military services:								
Troop feeding .....	1,928	1,809	1,847	1,837	1,876	1,864	1,919	1,898
Clubs, exchanges .....	447	437	422	419	431	436	437	468
Total <sup>1</sup> .....	2,375	2,246	2,269	2,256	2,307	2,300	2,356	2,366
Transportation .....	818	852	892	889	865	835	851	876
Associations .....	631	600	576	570	579	616	619	618
Correctional facilities .....	484	511	517	550	579	733	779	789
Child day care centers .....	371	408	460	555	716	663	716	786
Elderly feeding programs .....	157	208	253	281	317	330	355	372
Other .....	111	109	108	106	106	108	110	112
Noncommercial feeding total <sup>1</sup> .....	27,015	26,948	27,421	27,993	28,140	27,738	28,356	28,709
Grand total <sup>1</sup> .....	63,032	64,027	65,223	65,544	65,560	66,420	69,460	71,952

<sup>1</sup> Totals may not add due to rounding.

Economic Research Service.

Table 695.—Foodservice sales, by industry segment, 1977-84

Industry segment	1977	1978	1979	1980	1981	1982	1983	1984
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Separate eating places:								
Restaurants, lunchrooms.....	24,720	28,981	33,534	35,615	38,805	40,931	44,731	48,419
Fast food outlets.....	20,334	22,226	25,112	28,706	31,523	36,492	41,898	47,319
Cafeterias.....	1,813	2,075	2,343	2,426	2,575	2,699	2,871	3,022
Total <sup>1</sup> .....	47,426	53,900	61,653	67,557	73,787	80,967	90,356	99,582
Lodging places.....	3,613	4,304	4,937	5,258	5,939	6,164	6,756	7,264
Retail hosts.....	2,691	2,988	3,322	3,535	3,835	3,943	4,318	4,779
Recreation, entertainment.....	1,915	1,928	2,110	2,362	2,471	2,813	3,093	3,394
Separate drinking places.....	979	1,000	1,045	1,100	1,121	1,098	1,111	1,076
Commercial feeding total <sup>1</sup> .....	56,624	64,121	73,067	79,814	87,154	94,985	105,634	116,095
Education:								
Elementary, secondary.....	5,886	6,494	7,313	7,875	8,099	7,368	7,537	7,930
Colleges, universities.....	2,256	2,306	2,494	2,824	3,126	3,487	3,886	4,092
Other education.....	100	106	118	134	152	175	201	217
Total <sup>1</sup> .....	8,242	8,907	9,925	10,833	11,376	11,030	11,624	12,239
Plants, office buildings.....	3,576	4,070	4,658	5,145	5,669	5,919	6,258	6,793
Hospitals.....	3,711	3,955	4,403	4,919	5,366	5,609	5,715	5,817
Care facilities.....	2,388	2,758	3,198	3,602	4,072	4,797	4,983	5,281
Vending.....	2,508	2,642	2,853	3,094	3,183	3,214	3,348	3,553
Military services:								
Troop feeding.....	1,245	1,275	1,421	1,496	1,619	1,644	1,709	1,765
Clubs, exchanges.....	350	373	400	438	490	522	546	601
Total <sup>1</sup> .....	1,595	1,648	1,821	1,934	2,109	2,166	2,255	2,366
Transportation.....	1,079	1,225	1,426	1,563	1,656	1,685	1,793	1,922
Associations.....	958	994	1,058	1,153	1,276	1,431	1,501	1,562
Correctional facilities.....	492	567	626	705	786	1,018	1,092	1,155
Child day care centers.....	249	299	367	469	641	607	663	760
Elderly feeding programs.....	202	292	388	456	544	579	629	689
Other.....	151	162	178	192	208	223	238	252
Noncommercial feeding total <sup>1</sup> .....	25,152	27,518	30,901	34,064	36,886	38,279	40,098	42,390
Grand total <sup>1</sup> .....	81,776	91,639	103,968	113,878	124,040	133,264	145,733	158,485

<sup>1</sup> Totals may not add due to rounding.

Economic Research Service.

Table 696.—Foodservice wholesale food costs, by industry segment, 1977-84

Industry segment	1977	1978	1979	1980	1981	1982	1983	1984
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Separate eating places:								
Restaurants, lunchrooms.....	9,839	11,534	13,347	14,175	15,445	16,291	17,803	19,271
Fast food outlets.....	7,666	8,379	9,467	10,822	11,884	13,758	15,796	17,839
Cafeterias.....	689	789	890	922	978	1,026	1,091	1,149
Total <sup>1</sup> .....	18,401	20,913	23,921	26,212	28,629	31,415	35,058	38,688
Lodging places.....	1,456	1,795	2,063	2,176	2,412	2,484	2,723	2,927
Retail hosts.....	1,055	1,171	1,302	1,386	1,503	1,546	1,693	1,874
Recreation, entertainment.....	786	787	861	961	1,003	1,135	1,248	1,368
Separate drinking places.....	350	357	373	393	400	392	397	384
Commercial feeding, total <sup>1</sup> .....	22,048	25,024	28,520	31,128	33,948	36,972	41,118	45,190
Education:								
Elementary, secondary.....	2,943	3,247	3,656	3,937	4,049	3,684	3,768	3,965
Colleges, universities.....	972	994	1,075	1,217	1,347	1,503	1,675	1,764
Other education.....	43	46	51	58	65	75	87	94
Total <sup>1</sup> .....	3,958	4,287	4,782	5,212	5,462	5,262	5,530	5,822
Plants, office buildings.....	1,434	1,632	1,868	2,063	2,273	2,373	2,509	2,724
Hospitals.....	1,418	1,511	1,682	1,879	2,050	2,143	2,183	2,222
Care facilities.....	1,194	1,379	1,599	1,801	2,036	2,399	2,492	2,641
Vending.....	976	1,028	1,110	1,204	1,238	1,250	1,303	1,382
Military services:								
Troop feeding.....	623	637	710	748	809	822	854	883
Clubs, exchanges.....	152	162	174	190	213	227	238	265
Total <sup>1</sup> .....	775	800	885	938	1,022	1,049	1,092	1,148
Transportation.....	426	484	563	617	654	666	709	760
Associations.....	395	410	436	475	526	590	618	643
Correctional facilities.....	246	283	313	353	393	509	546	578
Child day care centers.....	125	150	184	235	321	304	331	380
Elderly feeding programs.....	101	146	194	228	272	289	315	344
Other.....	75	81	89	96	104	112	119	126
Noncommercial feeding total <sup>1</sup> .....	11,122	12,189	13,704	15,100	16,351	16,945	17,746	18,771
Grand total <sup>1</sup> .....	33,170	37,214	42,224	46,228	50,298	53,917	58,864	63,961

<sup>1</sup> Totals may not add due to rounding.

Economic Research Service.

## CHAPTER XIV

# MISCELLANEOUS AGRICULTURAL STATISTICS

This chapter contains miscellaneous data which do not fit into the preceding chapters. Included here are summary tables on foreign trade in agricultural products; statistics on fishery products; tables on refrigerated warehouses; and statistics on crops in Alaska.

### Foreign Agricultural Trade Statistics

U.S. foreign agricultural trade statistics are based on documents filed by exporters and compiled by the Bureau of the Census. Agricultural commodities consist of (1) nonmarine food products and (2) other products of agriculture which have not passed through complex processes of manufacture such as raw hides and skins, fats and oils, and wine. Such manufactured products as textiles, leather, boots and shoes, cigarettes, naval stores, forestry products, and distilled alcoholic beverages are not considered agricultural.

The trade statistics exclude shipments between the 50 States and Puerto Rico, between the 50 States and the island possessions, between Puerto Rico and the island possessions, among the island possessions, and in transit through the United States from one foreign country to another when documented as such by U.S. Customs authorities.

The export statistics also exclude shipments to the U.S. Armed Forces and diplomatic missions abroad for their own use and supplies for vessels and planes engaged in foreign trade. Data on shipments valued at less than \$251 (\$100 prior to October 1969) are not compiled by commodity and are excluded from agricultural statistics but are reflected in shipments under Public Law 83-480 (Agricultural Trade Development and Assistance Act), and related laws; under the Foreign Assistance Act of 1961, as amended; and involving Government payments to exporters. (USDA payments are excluded from the export value.) Separate statistics on Government program exports are compiled by the U.S. Department of Agriculture from data obtained from operating agencies.

The export value, the value of the port of exportation, is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port. The country of destination is the country of ultimate destination or where the commodities are to be consumed, further processed, or manufactured. When the shipper does not know the ultimate destination, the shipments are credited to the last country, as known to him at the time of shipment from the United States, to which the commodities are to be shipped in their present form. Since substantial amounts of agricultural commodities such as wheat, corn, and soybeans are transshipped through the Netherlands, West Germany, and Belgium, exports of those countries are overstated. Exports to final destinations including the United Kingdom, France, Spain, East Germany, and other countries are understated. Except for Canada, export shipments valued \$251-\$999 (\$100-\$499 prior to October 1969) are included on the basis of sampling estimates; shipments to Canada valued \$251-\$1,999 (\$100-\$1,999 prior to October 1969) are sampled. Prior to January 1, 1973, shipments of grains and oilseeds to Canada were greatly overstated because of transshipments. After January 1, 1973, shipments to Canada of wheat, rye, barley, oats, corn, soybeans, and flaxseed from certain U.S. ports to certain Canadian ports were designated as exports to "unidentified countries."

Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption. The import value, defined generally as the market value in the foreign country, excludes import duties, ocean freight, and marine insurance. The country of origin is defined as the country where the commodities were grown or processed. Where the country of origin is not known, the imports are credited to the country of shipment. Low-valued shipments under \$251 are reflected in nonagricultural and overall import totals.



**Table 697.—Foreign trade: Value of total agricultural exports and imports, United States, fiscal years 1970-84**

Year ending Sept. 30 <sup>1</sup>	Total domestic exports	Agricultural exports <sup>2</sup>		Total imports for consump- tion	Agricultural imports (for consumption)					Excess of domestic agricul- tural exports over competi- tive imports
		Domes- tic	Percent- age (domes- tic) of total exports		Total	Competi- tive	Noncompe- titive	Competitive		
								Percent- age of total agricul- tural exports	Percent- age of total agricul- tural imports	
	Million dollars	Million dollars	Percent	Million dollars	Million dollars	Million dollars	Million dollars	Percent	Percent	Million dollars
1970.....	41,059	6,721	16	38,219	5,592	3,451	2,141	51	62	3,270
1971.....	43,663	7,758	18	42,724	5,828	3,684	2,144	47	63	4,074
1972.....	44,848	8,047	18	50,056	6,048	3,957	2,092	49	65	4,090
1973.....	57,815	12,902	22	61,389	7,324	4,707	2,617	36	64	8,195
1974.....	84,924	21,293	25	82,503	9,549	6,272	3,277	29	66	15,021
1975.....	102,858	21,578	21	101,060	9,579	6,821	2,758	32	71	14,757
1976.....	109,389	22,147	20	105,883	10,107	6,289	3,818	28	62	15,858
(*).....	(27,313)	(5,356)	(20)	(31,686)	(2,804)	(1,597)	(1,207)	(30)	(43)	(3,759)
1977.....	119,118	23,974	20	142,418	13,357	6,548	6,809	27	49	17,426
1978.....	131,559	27,289	21	165,981	13,886	7,314	6,572	27	53	19,975
1979.....	167,818	31,979	19	193,610	16,186	9,075	7,110	28	56	22,904
1980.....	210,327	40,481	19	240,866	17,276	9,924	7,351	25	57	30,557
1981.....	229,203	43,780	19	254,687	17,218	11,302	5,916	26	66	32,478
1982.....	215,405	39,095	18	248,834	15,482	10,194	5,288	26	66	28,901
1983.....	194,142	34,769	18	246,900	16,271	10,806	5,465	31	66	23,963
1984 <sup>3</sup> .....	208,041	38,027	18	316,652	18,898	12,220	6,678	32	65	25,807

<sup>1</sup> Fiscal years July 1-June 30 for 1970-76; Oct. 1-Sept. 30 for 1977-1984.<sup>2</sup> Includes food exported for relief or charity by individuals and private agencies.<sup>3</sup> Competitive agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such U.S. commodities. Noncompetitive agricultural imports include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.<sup>4</sup> Transition quarter July 1, 1976 to September 30, 1976.<sup>5</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 698.—Agricultural exports: Quantity Indexes, United States, fiscal years 1976-84**

[Calendar year 1977=100]

Year ending Sept. 30 <sup>1</sup>	Total agricul- tural ex- ports <sup>2</sup>	Anim- als and animal prod- ucts	Meat and meat prod- ucts <sup>3</sup>	Animal fats <sup>3</sup>	Dairy prod- ucts <sup>3</sup>	Poultry and poultry prod- ucts <sup>3</sup>	Cotton exclud- ing linters	Tobacco un- manu- factured	Grains and feeds	Vegeta- ble oils and oil- seeds	Fruits and vegeta- bles
1976.....	97	91	92	75	76	83	74	93	107	92	104
1977.....	99	102	100	100	98	102	98	102	102	94	106
1978.....	117	100	100	94	143	104	130	96	119	124	107
1979.....	120	98	96	93	121	112	132	100	123	127	108
1980.....	143	106	101	69	156	168	193	99	146	150	133
1981.....	135	113	107	110	185	201	119	88	153	125	159
1982.....	140	117	107	108	292	161	147	89	142	149	158
1983.....	129	115	101	103	380	127	114	86	127	146	133
1984 <sup>4</sup> .....	124	121	103	99	498	112	142	80	134	116	124

<sup>1</sup> Fiscal years, Oct. 1-Sept. 30.<sup>2</sup> Based on 90 percent of total value of U.S. agricultural exports in 1977.<sup>3</sup> Included in "Animals and animal products."<sup>4</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 699.—Agricultural imports: Quantity indexes, United States, fiscal years 1976-84

[Calendar year 1977=100]

Year ending Sept. 30 <sup>1</sup>	Total agricultural imports <sup>2</sup>	Non-competitive imports <sup>3</sup>	Competitive imports <sup>3</sup>	Animals and animal products	Dairy products <sup>4</sup>	Hides and skins <sup>4</sup>	Meat and meat products <sup>4</sup>	Wool excluding free in bond <sup>4</sup>	Grains and feeds	Vegetable oils and oil-seeds	Sugar cane or beet	Tobacco unmanufactured
1976.....	113	123	98	103	97	105	108	120	109	126	75	99
1977.....	104	107	100	99	103	91	99	112	95	113	87	98
1978.....	101	102	100	108	105	93	110	79	94	84	83	105
1979.....	115	122	105	118	116	92	127	80	114	85	80	115
1980.....	107	112	100	108	110	75	115	91	119	72	75	118
1981.....	107	109	104	111	119	118	115	152	110	114	71	112
1982.....	105	108	100	110	130	60	114	146	131	87	66	92
1983.....	111	113	108	119	139	123	119	130	136	91	49	167
1984 <sup>5</sup> .....	116	120	111	118	146	143	115	207	157	90	54	132

<sup>1</sup> Fiscal years Oct. 1-Sept. 30 for 1976-84. <sup>2</sup> Based on 86 percent of total value of U.S. agricultural imports in 1977. <sup>3</sup> Competitive agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such U.S. commodities. Non-competitive agricultural imports include all others, about 90 percent of which consist of rubber, coffee, tea, cacao beans, raw silk, wool for carpets, bananas, spices, and vegetable fibers.

<sup>4</sup> Included in "Animals and animal products." <sup>5</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 700.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending Sept. 30, 1983

Commodity	Public Law 480			Foreign Assistance Act of 1961, as amended (AID)	Total agricultural exports		
	Title I sales	Title II donations			Under specified Government programs	Outside specified Government programs <sup>2</sup>	All
	Long-term credit sales <sup>1</sup>	Government to government and World Food Program	Voluntary agencies				
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Milk, nonfat dry .....		5.1	10.2		15.3	132.9	148.2
Butter .....			1.3		1.3	48.9	50.2
Cheese .....			1.0		1.0	32.9	33.9
Wheat .....	414.3	82.0	17.4	19.9	533.6	5,376.4	5,910.0
Wheat flour .....	105.4	6.3	27.3	10.0	149.0	107.1	256.1
Bulgur wheat .....		7.7	41.6		49.3	— 8	48.5
Rice .....	136.9	12.9	8.8		158.6	715.7	874.3
Corn .....	36.9	12.4	1.5	47.5	98.3	5,618.2	5,716.5
Grain sorghum .....	3.5	4.6	1.3		9.4	651.9	661.3
Oats, rolled .....		.1	2.5		2.6	— 1.0	1.6
Cornmeal .....		7.1	11.5		18.6	31.4	50.0
Blended food products .....	.1	4.6	33.5		38.2	3.9	42.1
Sorghum grits .....		1.2	3.9		5.1		5.1
Soybean oil .....	87.0	31.7	43.6		162.3	299.4	461.7
Cottonseed oil .....	7.5				7.5	123.3	130.8
Sunflower seed oil .....	6.6				6.6	109.7	116.3
Seeds .....				.7	.7	332.3	333.0
Oilcake and meal .....				7.0	7.0	1,479.3	1,486.3
Beans dried .....	2.1				2.1	117.4	119.5
Peas, dried .....		.6	.8		1.4	45.5	46.9
Lentils dried .....		1.2			1.2	19.8	21.0
Poultry feed, prepared .....				.3	.3	47.2	47.5
Cotton, excluding linters .....	9.4				9.4	1,673.5	1,682.9
Tobacco, unmanufactured .....				17.6	17.6	1,469.6	1,487.2
Tallow, inedible .....				26.8	26.8	502.0	528.8
Other .....		.5	.8		1.3	14,508.5	14,509.8
Total .....	809.7	178.0	207.0	129.8	1,324.5	33,445.0	34,769.5

See footnotes on page 510.

Table 701.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending Sept. 30, 1984 <sup>1</sup>

Commodity	Public Law 480				Foreign dona- tions section 416 <sup>3</sup>	Foreign Assist- ance Act of 1961, as amended (AID)	Total agricultural exports		
	Title I sales	Title II donations		Under specified Government programs			Outside specified Government pro- grams <sup>4</sup>	All	
	Long- term credit sales <sup>2</sup>	Govern- ment-to- govern- ment and World Food Program	Volun- tary agencies						
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	
Milk, nonfat dry .....		5.7	7.9	21.2	0.2	35.0	151.3	186.3	
Butter .....		.1	.2	4.1		4.4	54.6	59.0	
Cheese .....		.1	.1	1.8		2.0	33.6	35.6	
Anhydrous milk fat .....				18.8		18.8	-1.6	17.2	
Wheat .....	395.5	21.4	5.7			422.6	6,074.4	6,497.0	
Wheat flour .....	130.0	5.0	23.3			158.3	75.8	234.1	
Bulgur wheat .....	.1	1.8	34.2			36.1	7.2	43.3	
Rice .....	86.9	16.2	12.9			116.0	780.9	896.9	
Corn .....	53.3	19.9	.5		92.4	166.1	6,855.9	7,022.0	
Grain sorghums .....		14.6	.8		2.5	17.9	811.3	829.2	
Oats, rolled .....			1.0			1.0	.2	1.2	
Barley .....	4.9					4.9	268.7	273.6	
Cornmeal .....	.1	8.0	13.3			21.4	20.3	41.7	
Soy flour—defatted .....			.5			.5	3.2	3.7	
Soya-sorghum grits .....		2.4	6.6			9.0		9.0	
Corn-soya-milk .....	.2	10.1	38.6			48.9	8.5	57.4	
Seeds .....					1.8	1.8	324.1	325.9	
Peas, dried .....		.4				.4	43.4	43.8	
Lentils, dried .....			2.2			2.2	12.6	14.8	
Tobacco—unmfg. ....					.2	.2	1,432.5	1,432.7	
Cotton, excluding linters ..	12.4					12.4	2,382.2	2,394.6	
Tallow, inedible .....					.6	.6	637.4	638.0	
Soybean oil .....	76.9	35.7	62.8		.4	175.8	456.7	632.5	
Cottonseed oil .....	2.3					2.3	94.7	97.0	
Oilcake and meal .....					5.5	5.5	1,233.5	1,239.0	
Other .....		1.1	1.9		.2	3.2	14,997.9	15,001.1	
Total .....	762.6	142.5	212.5	45.9	103.8	1,267.3	36,759.3	38,026.6	

<sup>1</sup> Preliminary. <sup>2</sup> Includes long-term dollar credit and convertible foreign currency sales. <sup>3</sup> Section 416 of the Agricultural Act of 1949, as amended. <sup>4</sup> Agricultural exports excluding Government programs (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of extension of credit and credit guarantees for relatively short periods.

Economic Research Service.

#### FOOTNOTES FOR TABLE 700

<sup>1</sup> Includes long-term dollar and convertible foreign currency sales.

<sup>2</sup> Agricultural exports outside Government programs (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of extension of credit and credit guarantees for relatively short periods.

Economic Research Service.

Table 702.—U.S. agricultural exports under the concessional program: Estimated market value of agricultural shipments under Title I/III of Public Law 480 for fiscal years 1983 and 1984 <sup>1</sup>

Country	Wheat and flour	Feed grains	Rice	Cotton	Tobacco	Vegetable oils	Dairy products	Other	Total
1983 (year ending Sept. 30, 1983)									
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Bangladesh .....	28,652		10,000	7,386		10,881			56,919
Bolivia .....	23,015		8,516						31,531
Congo .....			1,997						1,997
Costa Rica .....	11,682	4,383	6,904					<sup>2</sup> 2,080	25,049
Dominican Republic .....		14,206				11,323			25,529
Egypt .....	247,173								247,173
El Salvador .....	20,463	13,371	1,700			7,239			42,773
Ghana .....			5,000	1,992					6,992
Guinea .....			5,000						5,000
Haiti .....	6,913					3,985			10,898
Honduras .....	11,122								11,122
Indonesia .....	14,902		16,565						31,467
Jamaica .....	7,033	4,955	5,690			1,486		<sup>3</sup> 974	20,138
Kenya .....	10,853		4,091						14,944
Liberia .....			16,681						16,681
Madagascar .....			7,000			1,000			8,000
Mauritius .....	993		2,500						3,493
Morocco .....	27,058								27,058
Pakistan .....						49,567			49,567
Peru .....	9,950		15,500			5,000			30,450
Senegal .....		3,500	4,174						7,674
Sierra Leone .....	565		2,997						3,562
Somalia .....	4,285		15,752			5,400			25,437
Sri Lanka .....	22,248								22,248
Sudan .....	49,880								49,880
Tanzania .....			4,998						4,998
Tunisia .....	9,728					2,885			12,613
Zaire .....	9,975								9,975
Zambia .....	2,777		1,800			2,398			6,975
Total .....	519,267	40,415	136,865	9,378		101,164		3,054	810,143
1984 (year ending Sept. 30, 1984)									
Bangladesh .....	30,705		16,615	12,454		9,000			68,774
Bolivia .....	9,948		284						10,232
Costa Rica .....	17,722	4,995	296						23,013
Dominican Republic .....	2,970	22,257							25,227
Egypt .....	246,051								246,051
El Salvador .....	23,030	12,699	1,700			11,403			48,832
Guatemala .....						1,222			1,222
Guinea .....			5,000						5,000
Haiti .....	7,978					3,000			10,978
Honduras .....	14,445								14,445
Indonesia .....	17,645		18,430						36,075
Jamaica .....	7,790	4,680	5,000			1,600		<sup>3</sup> 529	19,599
Kenya .....	4,734								4,734
Liberia .....			15,000						15,000
Madagascar .....			7,000			1,000			8,000
Morocco .....	39,577	4,936							44,513
Pakistan .....						49,995			49,995
Peru .....	9,799		4,444						14,243
Senegal .....			2,849						2,849
Sierra Leone .....	1,990		1,000						2,990
Somalia .....	4,510		5,493			5,499			15,502
Sri Lanka .....	23,672								23,672
Sudan .....	49,888								49,888
Tunisia .....	4,769	8,669							13,438
Yemen Arab Rep. ....	982		2,000						2,982
Zaire .....	7,921								7,921
Zambia .....	2,686		1,800			5,491			9,977
Total .....	528,812	58,236	86,911	12,454		88,210		529	775,152

See footnotes on page 512.



**Table 703.—U.S. agricultural exports: Value under specified Government-financed programs, commercial exports with and without assistance, and total, fiscal years 1979-84 <sup>1</sup>**

Type of export	1979	1980	1981	1982	1983	1984 <sup>2</sup>
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Public Law 480:						
Long-term dollar and convertible foreign currency credit sales.....	793	859	790	722	810	763
Government-to-government and World Food Program donations.....	128	222	241	158	178	142
Donations through voluntary agencies.....	265	254	302	227	207	212
Foreign donations, section 416 <sup>3</sup> .....						46
Foreign Assistance Act of 1961, as amended (AID).....	304	184	159	82	130	104
Total agricultural exports under specified Government programs.....	1,490	1,519	1,492	1,189	1,325	1,267
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Commercial exports (sales for dollars):						
Without assistance.....	29.0	37.6	40.5	36.5	29.3	33.1
With assistance <sup>4</sup> .....	1.5	1.4	1.8	1.4	4.1	3.6
Total commercial exports.....	30.5	39.0	42.3	37.9	33.4	36.7
Total exports.....	32.0	40.5	43.8	39.1	34.8	38.0

<sup>1</sup> Fiscal years Oct. 1-Sept 30 for 1979-84.

<sup>2</sup> Preliminary.

<sup>3</sup> Section 416 of the Agricultural Act of 1949, as amended.

<sup>4</sup> Export credit guarantees under GSM-5, GSM-101, and GSM-102.

Economic Research Service.

#### FOOTNOTES FOR TABLE 702

<sup>1</sup> Estimated market values include values of shipments under P.L. 480 agreements for long-term dollar credit and convertible local currency credit payment provisions. These methods of financing were included in Title I when a revision of the act was signed in 1966 (P.L. 89-808).

<sup>2</sup> Dry edible beans.

<sup>3</sup> Blended foods.

FAS-Program Analysis Division Exports Credits.

Table 704.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1980-84 <sup>1</sup>

Product	1980	1981	1982	1983	1984 <sup>2</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
All commodities.....	210,327,400	229,202,760	215,405,300	194,141,646	208,041,201
Nonagricultural commodities.....	169,860,114	185,422,617	176,310,791	159,372,190	170,014,627
Agricultural commodities.....	40,467,286	43,780,143	39,094,509	34,769,456	38,026,574
Animals and animal products.....	3,756,691	4,106,943	4,072,542	3,748,000	4,218,106
Animals, live excluding poultry.....	155,126	192,125	246,665	264,108	276,233
Cattle.....	51,919	65,211	60,270	38,939	47,973
Other.....	103,207	126,914	186,395	225,169	228,260
Dairy products.....	142,368	237,663	367,804	348,869	393,177
Butter and anhydrous milkfat.....	1,078	27,853	155,857	58,911	76,226
Cheese and curd.....	19,323	21,286	24,313	33,940	35,627
Milk, condensed, or evaporated.....	13,689	14,549	12,199	2,235	3,671
Milk, nonfat dry.....	42,458	44,980	52,252	148,203	186,312
Other.....	65,820	128,995	123,183	105,580	91,341
Fats, oils and greases.....	784,366	756,195	701,621	593,189	703,164
Lard and other rendered pig fat.....	25,402	41,133	30,555	22,137	24,443
Tallow, inedible.....	699,574	642,021	600,612	528,750	638,007
Other.....	59,390	73,041	70,453	42,302	40,714
Meats and meat preparations.....	870,703	987,841	983,611	925,680	929,414
Beef and veal, except offals.....	242,059	281,935	344,390	404,867	447,245
Pork, except offals.....	185,028	261,220	208,212	172,936	137,793
Offals, edible, variety meats.....	305,207	306,474	315,581	266,707	272,685
Other.....	138,409	138,212	115,428	81,170	71,691
Poultry and poultry products.....	546,487	765,233	578,967	451,086	412,833
Poultry, live:					
Breeding chicks.....	36,392	43,965	44,439	46,351	42,817
Baby chicks, excluding breeding.....	5,972	8,676	8,405	7,620	5,600
Other.....	4,200	5,844	5,491	5,426	5,245
Poultry meat, fresh, frozen:					
Chickens.....	288,406	407,096	286,797	223,744	218,261
Turkeys.....	42,339	45,581	38,796	30,396	18,375
Other.....	21,859	23,972	13,442	11,380	15,859
Eggs.....	101,364	166,464	127,063	72,380	50,567
Other.....	45,955	63,635	54,535	53,789	56,109
Hides and skins, including furskins.....	1,115,610	1,002,019	1,021,249	997,499	1,317,789
Cattle hides, whole.....	667,437	600,011	667,865	709,462	1,009,607
Furskins.....	361,131	320,346	264,835	215,297	206,021
Other.....	87,042	81,662	88,549	72,740	102,161
Other animal products.....	142,031	165,867	172,625	167,569	185,496
Hair, animal, excluding wool or fine hair.....	5,036	3,793	2,419	2,458	2,897
Sausage casings.....	20,960	21,460	18,214	19,669	18,049
Wool, unmanufactured, including fine hair.....	28,525	31,541	32,022	36,971	43,245
Other.....	87,510	109,073	119,970	108,471	121,305
Vegetable products.....	36,710,595	39,673,200	35,021,967	31,021,456	33,808,468
Cotton, unmanufactured.....	3,033,278	2,247,509	2,162,561	1,702,967	2,405,110
Cotton, raw.....	3,016,471	2,230,326	2,141,141	1,682,924	2,394,592
Linters.....	16,807	17,183	21,420	20,043	10,518
Fruits and preparations.....	1,299,696	1,513,246	1,394,088	1,374,324	1,270,198
Canned.....	126,895	134,880	104,750	97,433	72,933
Dried.....	228,882	232,195	207,176	180,510	161,639
Fresh.....	701,963	860,690	808,223	836,755	781,452
Fruit juices.....	210,749	241,005	231,542	222,138	223,245
Other.....	31,207	44,476	42,397	37,488	30,929
Nuts and preparations.....	786,888	598,686	575,108	507,625	547,509
Grains and feeds.....	18,261,078	21,368,312	17,115,183	15,049,941	17,302,927
Feed grains and products.....	9,185,491	10,511,908	7,050,594	6,581,599	8,215,614
Feed grains.....	9,118,510	10,408,035	6,966,256	6,495,507	8,127,725
Barley.....	200,591	260,874	249,888	113,949	273,551
Corn.....	7,842,473	8,966,424	5,961,815	5,716,519	7,021,957
Grain sorghum.....	1,049,872	1,148,598	745,622	661,300	829,235
Oats.....	9,247	17,499	2,382	1,189	2,117
Rye.....	16,327	14,640	6,549	2,551	866
Other.....	66,981	103,873	84,339	86,092	87,889
Rice.....	1,170,161	1,537,387	1,148,522	874,340	896,900
Wheat and products.....	6,632,586	8,051,700	7,675,097	6,223,090	6,783,170
Wheat.....	6,322,817	7,706,824	7,434,321	5,910,026	6,496,981
Wheat flour.....	231,972	257,971	180,927	256,054	234,066
Other wheat products.....	77,797	86,905	59,849	57,010	52,123
Blended food products.....	71,455	80,720	58,071	42,081	61,762
Other.....	108,623	127,942	144,710	135,848	129,556
Feeds and fodders, excluding oilcake and meal.....	1,092,762	1,058,655	1,038,189	1,192,983	1,215,925
Corn byproducts.....	459,517	492,115	500,606	629,678	665,907
Alfalfa meal and cubes.....	89,493	68,907	81,511	86,615	78,338
Other.....	543,752	497,633	456,072	476,690	471,680

See footnotes at end of table.

**Table 704.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1980-84<sup>1</sup>—Continued**

Product	1980	1981	1982	1983	1984 <sup>2</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Vegetable products—Continued					
Oilseeds and products.....	9,810,620	9,305,186	9,545,447	8,720,904	8,603,720
Oilseed cake and meal.....	1,717,511	1,669,516	1,497,960	1,486,258	1,239,013
Soybean oilseed cake and meal.....	1,649,597	1,599,486	1,452,853	1,448,978	1,203,391
Other.....	67,914	70,030	45,107	37,280	35,622
Oilseeds.....	6,848,824	6,540,401	7,058,805	6,332,284	6,233,966
Soybeans.....	6,163,625	5,986,159	6,478,933	5,865,752	5,713,923
Other.....	630,136	501,480	516,681	397,246	454,425
Protein substances.....	55,063	52,762	63,191	69,286	65,618
Vegetable oils and waxes.....	1,244,285	1,095,270	988,682	902,362	1,130,740
Soybean oil.....	781,878	456,667	498,074	461,677	632,531
Other.....	462,407	638,603	490,608	440,685	498,209
Tobacco, unmanufactured.....	1,348,549	1,338,529	1,486,481	1,487,156	1,432,724
Flue-cured.....	984,261	977,089	1,026,158	1,012,796	989,437
Other.....	364,288	361,440	460,323	474,360	443,287
Vegetable and preparations.....	954,291	1,445,698	1,442,087	989,540	998,513
Canned.....	124,532	138,709	134,520	117,381	106,901
Pulses.....	284,972	575,594	543,590	187,432	173,197
Fresh.....	227,345	319,026	330,973	275,939	296,811
Hops, including extract.....	51,207	103,198	73,168	62,419	60,851
Other.....	266,235	309,171	359,836	346,369	360,753
Essential oils.....	111,584	109,908	84,067	87,992	95,585
Seeds, except oilseeds.....	247,147	290,225	299,072	332,978	325,862
Other vegetable products.....	857,466	1,455,901	917,873	768,029	826,320

<sup>1</sup> Fiscal years, Oct. 1-Sept. 30.

<sup>2</sup> Preliminary.

<sup>3</sup> Totals may not add due to rounding.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 705.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1980-84<sup>1</sup>**

Product	1980	1981	1982	1983	1984 <sup>2</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
All commodities.....	240,866,300	254,687,399	248,834,100	246,899,600	316,652,347
Nonagricultural commodities.....	223,590,502	237,469,322	233,352,659	230,628,508	297,754,811
Agricultural commodities.....	17,275,798	17,218,077	15,481,441	16,271,092	18,897,536
Competitive <sup>3</sup> .....	9,924,402	11,301,782	10,193,621	10,805,919	12,219,595
Animals and animal products.....	3,711,153	3,729,686	3,615,864	3,864,504	3,917,171
Animals, live, excluding poultry.....	466,901	338,687	400,977	555,009	595,818
Cattle, dutiable.....	287,835	189,439	241,407	329,716	286,966
Meats and meat products.....	2,277,476	2,221,953	2,023,504	2,091,759	1,931,290
Meats, Pl. 88-482.....	1,553,769	1,404,725	1,221,222	1,190,679	962,699
Meats, fresh, frozen.....	1,685,112	1,583,378	1,483,983	1,421,615	1,273,055
Beef and veal.....	1,551,298	1,403,107	1,220,317	1,188,588	961,080
Pork.....	118,856	162,115	217,457	219,318	292,120
Meats, prepared, preserved.....	549,665	584,346	539,521	646,632	644,938
Beef and veal.....	200,864	218,198	166,826	198,843	204,314
Pork.....	335,508	346,722	343,426	418,280	411,030
Mutton, goat, and lamb.....	34,880	43,587	27,669	23,512	13,297
Poultry and products.....	70,372	95,202	67,463	90,517	121,590
Dairy products.....	461,539	523,771	661,251	709,482	757,363
Nonfat dry milk.....	2,241	7,782	934	885	793
Cheese.....	289,325	329,729	368,234	393,838	388,665
Casein and mixtures.....	136,199	145,997	212,375	198,071	189,256
Fats, oils and greases.....	6,921	9,539	4,210	5,714	11,685
Hides and skins.....	227,441	280,515	211,430	190,961	216,411
Sheep and lamb skins.....	49,614	42,191	36,775	35,247	28,247
Furskins.....	135,071	184,182	130,849	128,143	149,732
Wool, unmanufactured excluding free..	62,631	112,529	114,717	94,926	146,391
Sausage casings.....	52,978	56,705	48,503	49,074	48,458
Other animal products.....	84,894	90,785	83,809	77,062	88,165
Vegetable products.....	6,213,249	7,572,096	6,577,757	6,941,415	8,302,424
Grains and feeds.....	352,718	411,574	386,952	447,801	533,693
Wheat, excluding seed, edible.....	111	43	65	11,579	13,013
Barley.....	25,008	23,093	36,298	20,763	16,436
Biscuits, wafers.....	91,187	94,830	109,270	127,136	156,123
Feeds and fodders.....	81,433	101,981	98,840	112,188	135,231

See footnotes on page 517.

Table 705.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1980–1984<sup>1</sup>—Continued

Product	1980	1981	1982	1983	1984 <sup>2</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Competitive <sup>3</sup> —Continued					
Vegetable products—Continued					
Fruits and preparations.....	572,556	691,073	890,339	1,042,001	1,320,111
Fresh or frozen.....	209,391	214,799	280,972	306,611	357,405
Strawberries.....	31,662	30,079	21,546	20,251	22,111
Prepared or preserved.....	219,323	208,508	219,174	256,326	292,205
Pineapples.....	116,150	120,357	115,946	131,549	121,797
Fruit juices.....	143,842	267,766	390,193	479,064	670,501
Nuts and preparations.....	227,761	248,093	215,521	238,365	318,977
Vegetables and preparations.....	852,364	1,026,916	1,118,423	1,039,887	1,302,700
Fresh or frozen.....	379,433	531,869	515,414	543,184	580,472
Tomatoes.....	139,775	241,129	165,162	225,092	174,687
Prepared or preserved.....	472,931	495,047	608,009	496,703	722,228
Mushrooms, canned.....	77,890	77,719	89,989	80,067	86,955
Olives.....	116,453	87,030	84,574	105,786	144,889
Hops and extract.....	36,970	34,316	36,866	33,844	37,279
Sugar and related products.....	1,843,077	2,416,869	1,380,157	1,228,759	1,463,703
Sugar, cane and beet.....	1,619,379	2,169,512	1,176,872	973,652	1,144,338
Molasses, inedible.....	101,613	113,923	64,409	68,562	94,543
Confectionery products.....	79,515	81,197	82,823	91,416	108,105
Spices.....	17,079	17,871	19,573	22,236	23,895
Tobacco, unmanufactured.....	401,815	366,336	479,592	733,584	562,905
Tobacco, filler.....	262,098	307,499	278,149	311,752	488,075
Tobacco, scrap.....	125,114	45,382	42,293	37,168	42,631
Beverages, excluding fruit juices.....	1,039,273	1,140,873	1,251,038	1,343,174	1,541,914
Wine.....	673,911	737,484	767,588	817,496	932,141
Malt beverages.....	360,667	393,351	450,138	499,133	578,166
Oilseeds and products.....	617,407	908,131	513,690	491,741	797,137
Oilseeds and oilnuts.....	52,461	378,060	79,951	79,681	94,859
Flaxseed.....	7,639	30,091	18,851	15,709	32,441
Sesame seed.....	32,401	34,698	33,250	37,881	32,374
Oils and waxes—vegetables.....	559,803	521,911	423,832	397,919	681,268
Castor oil.....	47,447	33,359	27,773	25,134	47,021
Coconut oil.....	292,343	277,014	210,562	171,792	337,259
Olive oil.....	47,687	46,288	47,213	47,216	53,732
Palm oil.....	56,509	71,339	46,129	52,950	96,688
Palm kernel oil.....	73,564	49,335	48,998	56,470	79,498
Cotton, excluding linters.....	1,633	7,303	11,558	4,387	5,394
Cotton linters.....	7,133	2,514	2,299	2,929	11,992
Seeds, field and garden.....	56,262	76,691	86,706	90,596	96,542
Nursery stock.....	146,700	176,372	187,838	227,649	291,920
Other vegetable products.....	77,470	81,980	34,071	28,306	31,540
Noncompetitive <sup>3</sup> .....	7,351,396	5,916,295	5,287,820	5,465,173	6,677,941
Bananas, fresh.....	406,989	501,275	552,827	554,127	626,745
Plantains, fresh.....	13,386	16,536	19,696	21,787	24,759
Coffee, green.....	4,165,693	2,799,720	2,619,606	2,652,468	3,091,468
Coffee, roasted.....	78,084	38,009	35,977	34,083	48,738
Coffee, soluble, extracts.....	249,390	240,169	157,295	145,507	160,219
Cocoa beans.....	398,624	478,474	325,967	378,711	375,655
Cocoa butter.....	207,812	227,875	165,578	185,490	238,811
Cocoa, cake, powder, etc.....	125,720	78,024	56,987	65,551	143,687
Chocolate preparations.....	235,835	168,979	158,575	195,489	298,187
Tea, crude or prepared.....	132,844	132,232	126,161	127,836	188,941
Spices.....	139,650	146,194	156,194	172,834	205,533
Pepper, unground, black.....	50,832	40,811	30,101	29,683	44,363
Vanilla beans.....	21,334	30,024	35,268	46,489	53,530
Other.....	67,484	75,359	90,825	96,662	107,640
Rubber, crude, natural:					
Rubber-latex.....	83,905	80,070	54,444	65,335	81,901
Rubber-dry form.....	734,290	678,756	516,485	510,354	765,441
Silk, raw.....	6,588	8,672	7,942	7,775	8,598
Wool, unmanufactured, duty-free.....	45,814	39,124	33,622	29,037	47,033
Fibers, excluding cotton, jute.....	35,068	26,756	35,723	26,904	28,021
Essential oils.....	100,868	83,130	79,460	94,026	109,109
Drugs, crude natural.....	151,094	137,339	150,659	163,783	196,592
Other.....	39,741	34,961	34,622	34,076	38,503

See footnotes on page 517.



Table 706.—Agricultural exports: Value of U.S. exports to the European Community, by Commodity, fiscal years 1983 and 1984 <sup>1</sup>

Commodity	Value		Commodity	Value	
	1982/83	1983/84 <sup>2</sup>		1982/83	1983/84 <sup>2</sup>
	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars
Total agricultural exports.....	7,628,406	6,716,513	Variety meats, edible offals.....	101,197	88,461
Variable-levy commodities.....	961,114	1,011,337	Feathers and downs, crude.....	1,586	762
Beef and veal.....	6,621	5,039	Tallow—inedible.....	80,221	77,665
Pork.....	3,943	6,022	Other animal fats and oils.....	8,914	7,930
Other meats—fresh or prepared.....	1,043	903	Hides and skins, incl. furs.....	183,686	206,447
Poultry—live (NO).....	5,792	4,354	Cattle hides, whole.....	66,835	89,522
Baby chicks (NO).....	5,320	4,275	Furskins.....	96,565	91,917
Poultry meats (MT).....	13,608	7,589	Wool and mohair.....	33,710	37,318
Chickens—fresh or frozen.....	3,264	2,086	Sausage casings.....	3,422	3,189
Turkeys—fresh or frozen.....	6,874	3,078	Bull semen.....	13,768	12,423
Other poultry—fresh or frozen.....	1,201	1,218	Misc. animal products—other.....	38,509	39,696
Poultry meats—prepared or preserved.....	2,270	1,208	Corn by-products.....	618,365	632,479
Eggs.....	4,529	4,361	Alfalfa meal and cubes.....	13,291	7,564
Dairy products.....	19,980	5,433	Beet pulp.....	16,862	8,356
Lard.....	3,158	9	Citrus pulp pellets.....	75,547	63,857
Wheat, unmilled.....	270,733	210,185	Other feeds and fodders.....	134,072	117,945
Wheat, flour.....	559	315	Fruits and prep, excluding juice.....	150,710	124,377
Other wheat products.....	193	178	Fruits, fresh.....	81,774	56,156
Rice-paddy, milled, parb.....	83,374	111,268	Fruits, fresh, citrus.....	54,178	29,211
Feed grains and products.....	524,846	625,735	Grapefruit, fresh.....	35,756	25,817
Feed grains.....	520,301	620,141	Lemons and limes, fresh.....	5,436	1,918
Barley.....	15,234	44,413	Oranges and tangerines, fresh.....	11,828	920
Corn.....	504,744	574,190	Other citrus, fresh.....	1,158	556
Grain sorghums.....	125	136	Fruits, fresh, noncitrus.....	27,596	26,946
Oats.....	4	568	Apples, fresh.....	6,606	7,993
Rye.....	194	834	Grapes, fresh.....	742	532
Blended food products.....	61	226	Other noncitrus, fresh.....	20,248	18,420
Other grain products.....	10,762	10,243	Fruits, dried.....	44,831	52,920
Sugar.....	92	340	Raisins, dried.....	16,105	20,785
Related sugar products.....	10,681	16,384	Prunes, dried.....	24,417	29,255
Chocolate and prep.....	1,141	2,752	Other dried fruits.....	4,309	2,880
Nonvariable-levy commodities.....	6,667,292	5,705,176	Fruits—canned ex. juice.....	14,413	8,299
Animals live—excluding poultry.....	177,622	188,093	Fruits—froz. ex. juice.....	4,870	3,394
Horses, mules, burros—live.....	177,443	187,971	Other fruits—prep. or pres.....	4,824	3,608
Horsemeat—fr. chill, froz.....	48,147	38,695			

See footnote at end of table.

Table 706.—Agricultural export: Value of U.S. exports to the European Community, by Commodity, fiscal years 1983 and 1984 <sup>1</sup>—Continued

Commodity	Value		Commodity	Value	
	1982/83	1983/84 <sup>2</sup>		1982/83	1983/84 <sup>2</sup>
	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars
Nonvariable-levy commodities—Continued			Sunflowerseeds .....	122,448	135,366
Fruit juices incl. frozen .....	32,312	29,759	Other oilseeds .....	30,941	23,720
Orange juice .....	22,222	20,699	Protein substances .....	28,208	23,376
Other fruit juices .....	10,090	9,060	Vegetable oils .....	59,907	76,574
Nuts & preparations .....	223,787	248,120	Soybean oil .....	37	919
Almonds (shelled basis) .....	105,597	128,932	Cottonseed oil .....	4,827	9,119
Peanuts, shelled or preparations .....	69,832	80,066	Sunflower oil .....	13,543	9,239
Walnuts, shelled/unshelled .....	34,373	28,817	Other vegetable oils and waxes .....	41,500	57,297
Vegetables & preparations .....	151,576	140,438	Tobacco—unmfg. ....	528,934	474,557
Vegetables—fresh .....	7,466	6,269	Cotton, ex linters .....	186,036	308,834
Vegetables—frozen .....	2,632	3,265	Cotton linters .....	8,310	3,223
Vegetables—canned .....	25,267	22,925	Essential oils .....	40,921	41,623
Pulses .....	72,992	63,020	Seeds—field & garden .....	99,000	78,881
Dried beans .....	61,208	52,535	Coffee .....	1,178	1,371
Dried peas .....	5,056	6,580	Cocoa .....	113	47
Dried lentils .....	6,728	3,906	Tea & mate .....	448	496
Hops, including hop extract .....	8,977	8,090	Spices .....	2,471	2,881
Other veg—prep or pres .....	34,242	36,868	Flavoring sirups and extract .....	24,341	23,559
Oilseeds and products .....	3,610,338	2,639,262	Rubber—crude natural .....	3,053	2,576
Oilcake and meal .....	954,762	584,952	Fibers ex cotton .....	114	215
Soybean meal .....	918,983	556,066	Nursery and greenhouse products .....	22,595	20,824
Other oilcake & meal .....	35,779	28,886	Beverages excluding juices .....	11,047	9,759
Oilseeds .....	2,595,669	1,977,736	Other miscellaneous vegetable products .....	21,090	23,491
Soybeans .....	2,414,073	1,795,274			

<sup>1</sup> Fiscal years Oct. 1–Sept. 30.

<sup>2</sup> Preliminary.

Economic Research Service.

# FOOTNOTES FOR TABLE 705

<sup>1</sup> Fiscal years, Oct. 1–Sept. 30.

<sup>2</sup> Preliminary.

<sup>3</sup> Competitive agricultural import products consists of all products similar to agricultural commodities produced commercially in the United States, together with all other agricultural products interchangeable to any significant extent with such U.S. commodities. Noncompetitive agricultural products include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, spices, and vegetable fibers.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 707.—U.S. agricultural exports: Value by country of destination, total and specified Government programs, fiscal years 1982-84 <sup>1</sup>

Country	1982			1983			1984		
	Total agricultural exports	Under specified Government financed programs <sup>2</sup>	Outside specified Government financed programs <sup>3</sup>	Total agricultural exports	Under specified Government financed programs <sup>2</sup>	Outside specified Government financed programs <sup>3</sup>	Total agricultural exports	Under specified Government financed programs <sup>2</sup>	Outside specified Government financed programs <sup>3</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Japan .....	5,735.2	0	5,735.2	5,888.9	0	5,888.9	6,935.3	0	6,935.3
USSR .....	2,316.4	0	2,316.4	983.2	0	983.2	2,512.3	0	2,512.3
Netherlands .....	3,297.9	0	3,297.9	2,821.1	0	2,821.1	2,226.8	0	2,226.8
Mexico .....	1,493.2	0	1,493.2	1,777.3	0	1,777.3	1,967.3	9.9	1,957.4
Canada .....	1,868.9	0	1,868.9	1,869.7	0	1,869.7	1,936.2	0	1,936.2
Korea, Rep. of .....	1,606.9	0	1,606.9	1,712.9	0	1,712.9	1,816.1	0	1,816.1
Taiwan .....	1,166.0	0	1,166.0	1,236.7	0	1,236.7	1,408.7	0	1,408.7
Germany, Fed. Rep. of .....	1,577.9	0	1,577.9	1,453.6	0	1,453.6	1,259.9	0	1,259.9
Spain, incl. Canary Is. ....	1,904.9	0	1,904.9	1,199.0	0	1,199.0	1,231.8	0	1,231.8
Egypt .....	899.4	371.5	527.9	910.9	355.2	555.7	881.8	355.7	526.1
Belgium-Luxembourg .....	931.2	0	931.2	811.3	0	811.3	835.8	0	835.8
United Kingdom .....	946.3	0	946.3	820.9	0	820.9	789.9	0	789.9
Venezuela .....	746.5	0	746.5	617.0	0	617.0	778.1	0	778.1
Italy .....	1,038.7	0	1,038.7	798.9	0	798.9	770.5	0	770.5
Portugal .....	582.6	0	582.6	638.3	0	638.3	701.7	0	701.7
China, PRC .....	1,819.1	.1	1,819.0	546.2	0	546.2	692.3	0	692.3
Rep. of South Africa .....	133.2	0	133.2	130.1	0	130.1	525.4	0	525.4
France .....	663.3	0	663.3	517.3	0	517.3	510.3	0	510.3
Saudi Arabia .....	471.8	0	471.8	445.5	0	445.5	497.0	0	497.0
Indonesia .....	432.1	25.7	406.4	410.2	39.2	371.0	438.1	40.2	397.9
Brazil .....	576.7	.3	576.4	399.8	.1	399.7	437.6	3.5	434.1
Iraq .....	134.9	0	134.9	323.0	0	323.0	422.9	0	422.9
Hong Kong .....	402.6	0	402.6	343.6	0	343.6	406.6	0	406.6
India .....	309.9	86.5	223.4	762.1	98.5	663.6	375.6	80.2	295.4
Israel .....	339.8	0	339.8	293.5	0	293.5	351.0	0	351.0
Nigeria .....	538.2	0	538.2	331.9	0	331.9	344.9	0	344.9
Morocco .....	169.4	47.5	121.9	225.2	40.0	185.2	341.4	50.7	290.7
Switzerland .....	336.9	0	336.9	355.4	0	355.4	311.4	0	311.4
Philippines .....	320.1	12.9	307.2	380.4	10.9	369.5	300.3	10.8	289.5
Pakistan .....	218.0	97.1	120.9	214.8	77.6	137.2	285.4	62.8	222.6
Peru .....	309.9	32.6	277.3	258.4	47.9	210.5	226.7	43.5	183.2
Turkey .....	108.5	.1	108.4	28.0	0	28.0	221.9	0	221.9
Colombia .....	273.5	0	273.5	256.2	0	256.2	219.5	0	219.5
Chile .....	248.5	1.8	246.7	215.0	1.0	214.0	199.2	5.5	193.7
Poland .....	181.3	44.3	137.0	231.9	24.1	207.8	196.8	31.1	165.7
Yugoslavia .....	178.9	0	178.9	249.3	0	249.3	179.8	0	179.8
Dominican Rep. ....	174.4	17.3	157.1	162.4	27.6	134.8	175.5	26.7	148.8
Thailand .....	155.1	0	155.1	139.2	0	139.2	172.0	0	172.0
Algeria .....	219.5	0	219.5	203.1	0	203.1	162.1	0	162.1
Singapore .....	162.7	0	162.7	141.7	0	141.7	159.9	0	159.9
Bangladesh .....	121.7	82.4	39.3	153.2	90.1	63.1	157.1	61.2	95.9
Romania .....	145.6	0	145.6	115.1	0	115.1	154.6	0	154.6
Jamaica .....	98.6	16.9	81.7	123.0	19.8	103.2	145.5	20.0	125.5
Ecuador .....	102.0	1.9	100.1	115.7	1.2	114.5	143.2	2.2	141.0
Malaysia .....	134.1	0	134.1	131.3	0	131.3	142.4	0	142.4
Tunisia .....	94.8	17.7	77.1	104.8	13.2	91.6	139.4	14.5	124.9
Australia .....	126.2	0	126.2	139.1	0	139.1	134.4	0	134.4
Trinidad-Tobago .....	135.0	0	135.0	145.4	0	145.4	133.5	0	133.5
German, Dem. Rep. ....	226.2	0	226.2	123.1	0	123.1	132.4	0	132.4
Denmark .....	143.1	0	143.1	139.4	0	139.4	122.6	0	122.6
Other countries .....	2,776.9	333.3	2,443.6	2,375.5	478.2	1,897.3	2,415.7	448.8	1,966.9
Total .....	39,094.5	1,189.9	37,904.6	34,769.5	1,324.6	33,444.9	38,026.6	1,267.3	36,759.3

<sup>1</sup> Fiscal years, Oct. 1-Sept. 30.<sup>2</sup> Includes Title I long-term credit sales for dollars and convertible foreign currencies and Title II donations for disaster relief and development through government-to-government, World Food Program, and voluntary relief agencies, under P.L. 87-480 (the Agricultural Trade Development and Assistance Act of 1954, as amended), and other legislation. Also includes shipments under the Foreign Assistance Act of 1961, as amended.<sup>3</sup> "Agricultural exports outside specified Government-financed programs" (sales for dollars) include in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of the extension of credit and credit guarantees for relatively short periods through the Commodity Credit Corporation.

Economic Research Service.

Table 708.—Agricultural imports for consumption: Value by country of origin, United States, fiscal years 1982-84 <sup>1</sup>

Country	1982			1983			1984		
	Total	Noncom- petitive <sup>2</sup>	Competi- tive <sup>2</sup>	Total	Noncom- petitive <sup>2</sup>	Competi- tive <sup>2</sup>	Total	Noncom- petitive <sup>2</sup>	Competi- tive <sup>2</sup>
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Brazil.....	1,560.5	816.8	743.7	1,692.3	889.5	802.8	1,936.1	1,033.7	902.4
Canada.....	1,326.0	41.0	1,285.0	1,510.1	43.6	1,466.5	1,733.0	71.3	1,661.7
Mexico.....	1,127.7	294.7	833.0	1,224.1	304.2	919.9	1,333.5	406.5	927.0
Indonesia.....	507.3	495.2	12.1	521.7	507.7	14.0	791.3	770.3	21.0
Australia.....	913.1	4.1	909.0	792.7	4.1	788.6	732.8	4.6	728.2
Colombia.....	552.2	412.4	139.8	559.7	406.8	152.9	710.3	518.9	191.4
Philippines.....	432.6	76.7	355.9	491.7	80.7	411.0	607.4	60.5	546.9
France.....	448.9	48.6	400.3	503.2	41.2	462.0	606.4	44.4	562.0
Netherlands.....	438.2	62.5	375.7	492.2	80.7	411.5	590.6	122.1	468.5
New Zealand.....	604.6	24.4	580.2	608.9	21.5	587.4	533.8	35.2	498.6
Italy.....	448.1	9.5	438.6	490.8	15.2	475.6	531.9	19.1	512.8
Germany, Fed. Rep.....	357.0	48.3	308.7	437.2	60.6	376.6	528.2	110.0	418.2
Denmark.....	380.3	41.9	338.4	398.6	37.7	360.9	485.8	40.7	445.1
Dominican Rep.....	374.9	148.0	226.9	371.3	126.3	245.0	454.4	167.4	287.0
Malaysia.....	282.2	197.4	84.8	283.8	187.1	96.7	432.0	255.6	176.4
Ivory Coast.....	248.7	246.6	2.1	284.9	269.6	15.3	387.0	386.5	.5
Ecuador.....	336.9	320.0	16.9	302.7	300.6	2.1	368.2	357.9	10.3
Guatemala.....	223.7	166.1	57.6	272.8	166.9	105.9	356.8	220.2	136.6
Argentina.....	301.3	22.3	279.0	273.5	24.3	249.2	320.7	33.3	287.4
Costa Rica.....	267.3	179.1	88.2	245.5	180.1	65.4	312.6	220.2	92.4
Spain <sup>3</sup> .....	241.6	12.9	228.7	242.6	13.8	228.8	298.5	13.2	285.3
Honduras.....	274.3	196.3	78.0	249.7	167.7	82.0	284.4	188.5	95.9
El Salvador.....	191.1	160.8	30.3	229.5	192.8	36.7	255.8	217.1	38.7
India.....	126.5	74.4	52.1	154.5	71.4	83.1	240.3	102.8	137.5
Turkey.....	160.0	5.6	154.4	200.8	10.5	190.3	215.0	12.8	202.2
Japan.....	128.4	15.2	113.2	148.8	16.6	132.2	213.3	17.9	195.4
Thailand.....	270.6	46.3	224.3	185.5	61.0	124.5	199.5	63.9	135.6
Taiwan.....	176.0	10.7	165.3	121.0	9.4	111.6	194.6	12.3	182.3
China.....	169.9	58.4	108.5	142.2	57.7	84.5	192.4	59.7	132.7
United Kingdom.....	140.8	41.3	99.5	153.3	43.0	110.3	173.9	56.3	117.6
Peru.....	116.6	96.0	20.6	136.5	85.1	51.4	169.9	105.9	64.0
Chile.....	97.5	1.0	96.5	124.6	1.2	123.4	156.1	1.1	155.0
Panama.....	85.8	45.5	40.3	115.5	68.4	47.1	119.4	64.9	54.5
Rep. of S. Africa.....	59.2	1.9	57.3	79.0	5.8	73.2	118.3	5.2	113.1
Switzerland.....	68.4	15.7	52.7	87.3	22.9	64.4	104.5	27.0	77.5
Finland.....	63.9	1.8	62.1	69.3	1.8	67.5	102.1	2.9	99.2
Uganda.....	132.5	132.5	0	142.0	142.0	0	101.3	101.3	0
Ireland.....	81.0	7.4	73.6	94.4	12.6	81.8	94.6	11.7	82.9
Poland.....	60.5	.7	59.8	102.9	.4	102.5	92.6	.3	92.3
Greece.....	78.2	2.5	75.7	87.2	2.6	84.6	86.6	2.6	84.0
Singapore.....	62.8	53.9	8.9	85.6	71.4	14.2	83.6	66.7	16.9
Ethiopia.....	97.6	94.6	3.0	93.2	86.3	6.9	79.6	72.5	7.1
Malagasy.....	47.9	47.9	0	64.4	58.0	6.4	66.2	59.2	7.0
Yugoslavia.....	75.2	1.9	73.3	57.0	2.3	54.7	64.1	2.5	61.6
Liberia.....	43.9	43.8	.1	46.8	46.7	.1	63.4	62.9	.5
Israel.....	43.2	4.7	38.5	50.9	5.1	45.8	61.2	5.4	55.8
Hong Kong.....	42.9	2.9	40.0	38.8	6.5	32.3	60.7	5.4	55.3
Kenya.....	57.3	53.1	4.2	72.0	68.4	3.6	59.8	55.3	4.5
Korea, Rep. of.....	50.0	4.3	45.7	73.4	2.8	70.6	58.3	4.2	54.1
Portugal.....	52.7	.9	51.8	48.6	.7	47.9	57.6	.6	57.0
Other.....	1,056.6	397.3	659.3	1,015.6	381.9	633.7	1,077.1	397.4	679.7
Total <sup>4</sup> .....	15,481.4	5,287.8	10,193.6	16,271.1	5,465.2	10,805.9	18,897.5	6,677.9	12,219.6

<sup>1</sup> Fiscal years Oct. 1-Sept. 30.

<sup>2</sup> Competitive agricultural import products consist of all products similar to agricultural commodities produced commercially in the United States, together with all agricultural products interchangeable to any significant extent with such U.S. commodities. Noncompetitive agricultural products include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, spices, and vegetable fibers.

<sup>3</sup> Beginning January 1, 1984 includes Canary Islands.

<sup>4</sup> Totals may not add due to rounding.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.



**Table 709.—European Community: Value of agricultural imports by origin, 1970-83<sup>1</sup>**

Year <sup>2</sup>	United States	EC countries	Other countries	Total
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1970 .....	2,487	8,255	12,583	23,325
1971 .....	2,649	9,946	12,823	25,418
1972 .....	2,956	12,500	14,801	30,257
1973 .....	4,872	17,333	20,177	42,382
1974 .....	5,799	21,119	21,891	48,809
1975 .....	6,162	24,429	21,527	52,118
1976 .....	6,689	25,885	24,454	57,028
1977 .....	7,427	29,317	30,278	67,022
1978 <sup>3</sup> .....	8,309	37,809	31,896	77,294
1979 .....	9,376	44,218	37,633	91,227
1980 .....	10,622	48,270	38,280	97,172
1981 .....	9,784	44,197	32,775	86,756
1982 .....	8,878	44,679	31,275	84,832
1983 .....	7,880	43,557	30,244	81,631

<sup>1</sup> Based on data from the United Nations, Organization for Economic Cooperation and Development, and the European Community.

<sup>2</sup> Data on calendar year basis.

<sup>3</sup> Includes Greece.

Economic Research Service.

**Table 710.—Food Acquisition: Expenditures for food items by selected Federal Government Agencies,<sup>1</sup> fiscal years 1983-84**

Agency	Total expenditures		Agency	Total expenditures	
	1983	1984		1983	1984
	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>
Department of Defense:			Department of Agriculture:		
Contractual obligations .....	1,493,000	1,410,000	Commodity Credit Corpora-	2,716,024	1,983,200
Indefinite delivery type con-	596,500	500,000	tation, Dairy Price support.		
tracts (estimate).			Other purchases .....	222,289	349,200
Miscellaneous total (esti-	100,000	100,000	Total .....	2,938,313	2,332,400
mate).					
Total DOD .....	2,189,500	2,010,000			
Veterans Administration:			Public Law 480 (Food for	390,564	460,900
Central procurement .....	46,700	47,500	Peace).		
Local procurement .....	49,200	60,200	Agricultural Marketing Ser-	557,000	380,000
			vice.		
Total VA .....	95,900	107,700	Total USDA .....	3,885,877	3,173,300
			Total .....	6,171,277	5,291,000

<sup>1</sup> These comprise the major Federal expenditures for these purposes. A complete accounting is not available. Agricultural Marketing Service.

Table 711.—High Dollar Federal Food Procurements,<sup>1</sup> Departments of Agriculture and Defense, Fiscal Year 1984

Food item	Agency	Dollar amount (mil-lions) <sup>2</sup>	Pounds (mil-lions)	Cost/ lb.	Food item	Agency	Dollar amount (mil-lions) <sup>2</sup>	Pounds (mil-lions)	Cost/ lb.
Cheese, Various Products.....	USDA DOD <sup>3</sup>	992.2 17.2	692.5 12.0	1.43 1.43	Turkey, Whole, Frozen.....	USDA DOD	15.4 1.3	20.7 1.7	0.74 .75
Total.....		1,009.4	704.5	(*)	Total.....		16.7	22.4	
Butter, Various Sizes.....	USDA DOD	381.0 5.7	250.5 3.4	1.52 1.66	Beef, Boneless, Oven Roast, Frozen.....	DOD	15.8	8.3	1.91
Total.....		386.7	253.9	(*)	Beef, Canned.....	USDA	13.6	9.2	1.48
Ground Beef, Bulk, Frozen.....	USDA	148.6	142.6	1.04	Applesauce, Canned Various ..	USDA	12.8	50.1	.26
With 20% Soy.....	DOD	1.2	1.1	1.10	# 10 Size Can.....	DOD	.2	1.2	.23
	DOD	19.1	22.6	.84	# 303 Size Can.....	DOD	.1	.2	.30
Total.....		168.9	166.3		Total.....		13.1	51.5	
Milk, Nonfat, Dry.....	USDA	125.2	120.8	1.04	Rice, Parboiled.....	USDA	10.2	55.3	.18
	DOD	2.3	2.4	.97		DOD	2.1	8.5	.25
Total.....		127.5	123.2	(*)	Total.....		12.3	63.8	
Honey, Processed....	USDA	69.5	69.3	* 1.00	Pears, Canned.....	USDA	11.9	32.9	.36
Pork, Canned.....	DOD	62.3	50.5	1.23		DOD	.3	.9	.36
Chicken, Cut-up, Chilled or Frozen 8 & 9 Piece Cuts.....	USDA	35.6	54.9	.65	Total.....		12.2	33.8	
Quartered.....	DOD	3.2	5.0	.65	Beef, Boneless, Pot Roast, Frozen.....	DOD	11.3	7.1	1.59
9 Piece Cut.....	DOD	12.7	15.2	.83	Potatoes, French Fried, Frozen.....	USDA	.6	2.8	.21
Total.....		51.5	75.1			DOD	10.6	33.9	.31
Flour, Wheat.....	USDA	42.1	348.0	.12	Total.....		11.2	36.7	
	DOD	5.2	29.1	.18	Chicken Patties, Frozen.....	USDA	11.1	8.2	1.35
Total.....		47.3	377.1		Beef, Boneless, Swiss Steak, Frozen.....	DOD	10.8	5.8	1.86
Ground Beef Patties.....	USDA	24.2	22.6	1.07	Pork, Loin, Chops, Frozen.....	DOD	10.2	4.9	2.06
With 20% Soy.....	DOD	.3	.3	1.13	Coffee, Roasted, Ground, Canned..	DOD	10.1	4.6	2.20
	DOD	17.8	20.1	.89	Beef, Diced, Frozen.....	DOD	10.0	6.4	1.56
Total.....		42.3	43.0		Ham, Whole, Canned.....	DOD	9.3	5.5	1.69
Salad Oil, Vegetable.....	DOD	28.3	58.7	.48	Chicken Whole, Frozen.....	USDA	1.1	1.9	.58
	DOD	2.3	3.9	.59		DOD	8.1	12.7	.64
Total.....		30.6	62.6		Total.....		9.2	14.6	
Turkey Roast, Frozen.....	USDA	25.6	18.4	1.39	Shrimp, Breaded, Frozen.....	DOD	8.9	2.6	3.38
Bacon, Sliced, Frozen.....	DOD	24.9	15.9	1.57	Peanuts, Roasted.....	USDA	8.9	8.7	1.03
Shortening, Vegetable.....	USDA	20.9	40.9	.51	Pork Spareribs, Frozen.....	DOD	8.9	6.2	1.43
Beef, Boneless, Grill Steak, Frozen.....	DOD	19.7	5.0	3.90					
Peanut Butter.....	USDA	18.2	22.7	.80					
	DOD	.6	.6	.95					
Total.....		18.8	23.3						

See footnotes at end of table.

**Table 711.—High Dollar Federal Food Procurements,<sup>1</sup> Departments of Agriculture and Defense, Fiscal Year 1984—Continued**

Food item	Agency	Dollar amount (mil-lions) <sup>2</sup>	Pounds (mil-lions)	Cost/lb.	Food item	Agency	Dollar amount (mil-lions) <sup>2</sup>	Pounds (mil-lions)	Cost/lb.
Shortening Compounds.....	DOD	8.7	17.5	0.50	Orange Juice, Canned.....	USDA DOD	6.0 1.5	19.3 4.9	0.31 .30
Turkey Roll, Cooked or Raw, Frozen.....	DOD	8.7	6.2	1.40	Total.....		7.5	24.2	
Corn Meal.....	USDA DOD	8.6 .026	52.5 .1	.16 .40	Cherries, Tart, Frozen.....	USDA	7.2	13.2	.55
Total.....		8.6	52.6		Tomatoes, Canned..	USDA	6.9	26.7	\$.26
Bakery Mixes.....	DOD	8.6	16.7	.51	Apples, Fresh.....	USDA DOD	1.6 5.0	7.7 16.1	.21 .31
Orange Juice, Concentrated, Frozen.....	DOD	8.5	12.1	.70	Total.....		6.6	23.8	
Raisins, Processed..	USDA DOD	7.4 .6	17.6 .6	\$.42 .97	Beans, Green, Canned.....	USDA DOD	6.4 .1	24.8 .4	\$.26 .30
Total.....		8.0	18.2		Total.....		6.5	25.2	
Tomato Paste, Canned.....	USDA	8.0	21.4	\$.37	Pork Sausage, Breakfast.....	DOD	6.1	8.4	.73
Pork Loin, Roast, Frozen.....	DOD	7.9	5.0	1.60	Shrimp, Peeled, Frozen.....	DOD	6.1	10.0	6.40
Tomatoes, Fresh.....	DOD	7.6	13.7	.56	Bananas, Fresh.....	DOD	6.1	23.5	.26

<sup>1</sup> High dollar items include the 50 highest dollar amount food items.

<sup>2</sup> F.O.B. destination cost (unless otherwise stated).

<sup>3</sup> Food item used for troop issue.

<sup>4</sup> Price supported food item.

<sup>5</sup> F.O.B. origin cost.

Agricultural Marketing Service.

Table 712.—Fisheries; Quantity and value of domestic catch, 1970-84

Year	Quantity <sup>1</sup>			Ex-vessel value	Average price per lb.	Year	Quantity <sup>1</sup>			Ex-vessel value	Average price per lb.
	Total	For human food	For industrial products <sup>2</sup>				Total	For human food	For industrial products <sup>2</sup>		
	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. dol.</i>	<i>Cents</i>		<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. dol.</i>	<i>Cents</i>
1970 .....	4,917	2,537	2,380	613	12.5	1978 <sup>3</sup> .....	6,028	3,177	2,851	1,854	30.7
1971 .....	5,018	2,441	2,577	651	13.0	1979 <sup>3</sup> .....	6,267	3,318	2,949	2,234	35.6
1972 .....	4,806	2,435	2,371	748	15.6	1980 <sup>3</sup> .....	6,482	3,654	2,828	2,237	34.5
1973 .....	4,858	2,398	2,460	937	19.3	1981 <sup>3</sup> .....	5,977	3,547	2,430	2,388	40.0
1974 .....	4,967	2,496	2,471	932	18.7	1982 <sup>3</sup> .....	6,367	3,285	3,082	2,390	37.5
1975 .....	4,877	2,465	2,412	977	20.0	1983 <sup>3</sup> .....	6,439	3,238	3,201	2,355	36.6
1976 .....	5,388	2,775	2,613	1,349	25.0	1984 <sup>3</sup> .....	6,438	3,320	3,118	2,350	36.5
1977 .....	5,271	2,952	2,319	1,554	29.5						

<sup>1</sup> Live weight. <sup>2</sup> Meals, oil, fish solubles, homogenized condensed fish, shell products, bait, and animal food. <sup>3</sup> Preliminary.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service.

Table 713.—Fisheries: Disposition of domestic catch, 1974-84

Disposition	1974	1975	1976	1977	1978 <sup>2</sup>	1979 <sup>2</sup>	1980 <sup>2</sup>	1981 <sup>2</sup>	1982 <sup>2</sup>	1983 <sup>2</sup>	1984 <sup>2</sup>
	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>
Fresh and frozen .....	1,660	1,744	1,921	1,893	2,237	2,394	2,621	2,547	2,550	2,304	2,336
Canned .....	1,005	907	1,051	1,008	1,099	1,046	1,161	1,118	891	1,087	1,128
Cured .....	69	55	55	51	52	94	96	90	85	80	82
Reduced to meal, oil, etc. ....	2,233	2,171	2,361	2,319	2,640	2,733	2,604	2,222	2,841	2,968	2,892
Total .....	4,967	4,877	5,388	5,271	6,028	6,267	6,482	5,977	6,367	6,439	6,438

<sup>1</sup> Live weight catch. In addition to whole fish, a large portion of waste (400-500 mil. lb.) derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil in each year shown. <sup>2</sup> Preliminary.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service.



Table 714.—Fisheries—Catch and value of principal species: 1975–84

Species	Catch						
	1975	1979 <sup>2</sup>	1980 <sup>2</sup>	1981 <sup>2</sup>	1982 <sup>2</sup>	1983	1984 <sup>2</sup>
	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>
<b>Fish:</b>							
Cod, Atlantic.....	56	99	118	100	104	112	97
Flounder.....	162	209	217	201	228	254	220
Haddock.....	16	42	55	55	45	33	26
Halibut.....	21	21	19	27	33	45	48
Herring, sea.....	131	209	291	247	202	180	179
Jack mackerel.....	37	35	44	31	58	40	23
Menhaden.....	1,803	2,604	2,497	2,105	2,766	2,963	2,891
Ocean perch, Atlantic.....	32	34	24	19	19	13	12
Pollock.....	21	41	43	41	35	34	64
Salmon, Pacific.....	202	536	614	648	607	639	691
Tuna.....	393	364	399	341	261	279	212
Whiting.....	42	35	36	37	36	37	46
<b>Shellfish:</b>							
Clams (meats).....	113	92	95	121	108	115	133
Crabs.....	306	489	523	446	350	317	313
Lobsters, American.....	30	37	37	37	39	44	44
Oysters (meats).....	53	48	49	50	54	50	48
Scallops (meats).....	14	34	30	46	34	32	59
Shrimp.....	347	336	340	355	284	250	302

  

Species	Value						
	1975	1979 <sup>2</sup>	1980 <sup>2</sup>	1981 <sup>2</sup>	1982 <sup>2</sup>	1983	1984 <sup>2</sup>
	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>
<b>Fish:</b>							
Cod, Atlantic.....	13	29	32	33	37	38	36
Flounder.....	44	83	82	86	102	116	124
Haddock.....	5	18	21	22	22	19	18
Halibut.....	16	35	17	21	29	41	25
Herring, sea.....	6	47	45	31	35	44	26
Jack mackerel.....	2	2	4	3	5	3	2
Menhaden.....	49	109	112	81	108	119	117
Ocean perch, Atlantic.....	3	7	6	5	5	3	4
Pollock.....	2	7	7	9	7	6	9
Salmon, Pacific.....	107	413	357	438	392	351	392
Tuna.....	107	158	233	206	146	143	118
Whiting.....	4	6	6	7	8	7	7
<b>Shellfish:</b>							
Clams (meats).....	43	79	90	107	97	96	116
Crabs.....	81	284	291	297	282	223	187
Lobsters, American.....	51	72	75	87	91	107	114
Oysters (meats).....	45	66	70	69	76	67	81
Scallops (meats).....	23	112	114	128	96	136	128
Shrimp.....	226	472	403	463	509	504	488

<sup>1</sup> Data exclude landings by U.S. flag vessels at Puerto Rico and other ports outside the 50 States, and production of artificially cultivated fish and shellfish.

<sup>2</sup> Preliminary.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service.

Table 715.—Fresh and frozen fishery products—Production and value: 1975-84 <sup>1</sup>

Product	Production						
	1975	1979	1980	1981	1982	1983	1984 <sup>2</sup>
	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
Fish fillets and steaks <sup>3</sup> .....	131.9	187.2	202.1	205.1	217.6	230.6	248.1
Cod.....	15.2	33.0	31.3	43.3	41.5	51.3	70.5
Flounder.....	41.9	47.8	48.9	50.8	76.2	80.7	77.6
Haddock.....	8.2	19.3	17.2	17.8	13.5	11.7	8.4
Ocean perch, Atlantic.....	8.4	8.6	7.1	4.9	5.2	4.3	2.7
Whiting.....	.1	.5	.6	.2	.1	.1	(*)
Rockfish.....	5.5	10.8	14.2	16.4	17.8	17.3	19.8
Pollock, Atlantic.....	5.7	10.8	8.5	9.1	9.0	11.3	11.0
Other.....	46.9	56.4	74.3	62.6	54.3	53.9	58.0
Frozen fishery products.....	299.7	268.9	228.2	220.7	243.0	186.7	188.1

  

Product	Value						
	1975	1979	1980	1981	1982	1983	1984 <sup>2</sup>
	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>
Fish fillets and steaks <sup>3</sup> .....	137.9	260.9	261.2	305.2	350.6	362.1	394.8
Cod.....	14.6	44.8	43.2	68.6	60.0	68.3	94.6
Flounder.....	53.1	87.9	87.4	98.0	146.5	137.6	155.9
Haddock.....	12.3	33.3	29.0	32.9	24.7	22.0	18.4
Ocean perch, Atlantic.....	5.7	10.0	9.3	7.0	7.3	5.7	3.3
Whiting.....	.1	.4	.5	.2	.1	.1	(*)
Rockfish.....	3.2	11.2	12.8	16.2	19.2	22.1	25.2
Pollock, Atlantic.....	3.6	8.7	8.5	9.7	10.3	11.6	11.0
Other.....	45.3	64.6	70.5	72.6	82.8	94.7	86.4
Frozen fishery products.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

<sup>1</sup> Excludes Alaska and Hawaii, except frozen products includes Alaska and Hawaii. <sup>2</sup> Preliminary. <sup>3</sup> Fresh and frozen. <sup>4</sup> Included with other.  
n.a. not available.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service.

Table 716.—Canned fishery products—production and value: 1975-84 <sup>1</sup>

Product	Production (mil. lb.)								
	1975	1977	1978	1979	1980	1981	1982	1983	1984 <sup>2</sup>
	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
Total <sup>3</sup> .....	1,382	1,421	1,598	1,439	1,516	1,476	1,283	1,391	1,368
Tuna.....	529	548	705	620	602	627	539	591	614
Salmon.....	78	136	149	149	200	215	112	181	193
Clam products.....	76	73	69	73	77	88	99	102	100
Jack mackerel <sup>4</sup> .....	10	31	32	26	38	36	39	46	31
Sardines, Maine.....	26	23	26	30	20	31	18	13	15
Shrimp.....	12	25	17	10	16	10	6	7	6
Crabs.....	3	5	5	5	5	2	1	1	1
Squid.....	8	7	8	4	4	9	8	n.a.	n.a.
Oysters.....	2	1	1	(*)	(*)	(*)	1	1	(*)

  

Product	Value (mil. dol.)								
	1975	1977	1978	1979	1980	1981	1982	1983	1984 <sup>2</sup>
	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>
Total <sup>3</sup> .....	1,067	1,543	1,884	1,743	1,928	1,954	1,457	1,534	1,570
Tuna.....	653	907	1,273	1,104	1,144	1,180	918	859	872
Salmon.....	110	210	221	258	376	380	174	308	336
Clam products.....	42	65	60	61	66	72	85	86	84
Jack mackerel <sup>2</sup> .....	3	12	10	8	12	12	15	17	13
Sardines, Maine.....	25	27	36	45	32	55	28	20	25
Shrimp.....	28	73	50	54	80	60	35	41	33
Crabs.....	10	20	19	18	19	7	6	6	5
Squid.....	2	2	2	1	1	3	3	n.a.	n.a.
Oysters.....	4	3	1	1	(*)	1	2	2	(*)

<sup>1</sup> Natural pack only. <sup>2</sup> Preliminary. <sup>3</sup> Includes other products not shown separately. <sup>4</sup> Includes small amount of Pacific mackerel. <sup>5</sup> Less than 500,000 pounds or \$500,000.  
n.a. not available.

U.S. Dept. of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service.

Table 717.—Fisheries—Fishermen and craft, 1977, and catch, 1979–84, by area

Area	1977 <sup>1</sup>			1979		1980	
	Fisher- men	Fishing vessels	Fishing boats <sup>2</sup>	Total catch	Value	Total catch	Value
	1,000	Number	1,000	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.
United States.....	182.1	17,545	89.2	6,267	2,234	6,482	2,237
New England States.....	31.7	929	15.4	709	302	788	327
Middle Atlantic States.....	17.3	573	11.3	228	92	244	97
Chesapeake Bay States.....	27.9	2,086	19.0	639	122	717	130
South Atlantic States.....	11.6	1,463	6.7	488	145	473	148
Gulf States.....	29.3	5,328	11.0	2,129	530	1,979	463
Pacific Coast States.....	54.0	7,643	15.4	1,925	1,006	2,140	1,025
Great Lakes States.....	1.2	217	.5	49	11	44	14
Hawaii.....	2.7	101	1.3	14	11	11	12
Other <sup>3</sup> .....	11.3	—	9.9	<sup>4</sup> 86	15	<sup>4</sup> 85	21

  

Area	1981		1982		1983		1984 <sup>4</sup>	
	Total catch	Value	Total catch	Value	Total catch	Value	Total catch	Value
	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.
United States.....	5,977	2,388	6,367	2,390	6,439	2,355	6,438	2,350
New England States.....	697	356	687	374	711	435	694	434
Middle Atlantic States.....	228	95	129	93	128	94	153	109
Chesapeake Bay States.....	603	126	791	120	841	130	663	138
South Atlantic States.....	543	138	427	164	397	173	402	150
Gulf States.....	1,700	554	2,300	614	2,443	615	2,644	656
Pacific Coast States.....	2,070	1,064	1,872	964	1,739	846	1,701	795
Great Lakes States.....	39	12	36	13	47	14	61	14
Hawaii.....	13	18	14	14	29	18	35	29
Other <sup>5</sup> .....	85	25	109	34	103	30	85	25

<sup>1</sup> Exclusive of duplication among regions. Computation of area amounts will not equal U.S. total.<sup>2</sup> Refers to craft having capacity of less than 5 net tons.<sup>3</sup> Mississippi River and other areas.<sup>4</sup> Preliminary.

U.S. Department of Commerce. U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service.

Table 718.—Fishery Products—Supply: 1975-1984 <sup>1</sup>

Item	1975	1976	1977	1978 <sup>2</sup>	1979 <sup>2</sup>
	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>
Total .....	10,164	11,593	10,652	11,509	11,831
For human food .....	6,394	7,404	7,466	8,135	8,251
Finfish .....	4,848	5,657	5,641	6,263	6,324
Shellfish <sup>3</sup> .....	1,546	1,747	1,825	1,872	1,927
For industrial use .....	3,770	4,189	3,186	3,374	3,580
Domestic catch .....	4,877	5,388	5,271	6,028	6,267
Percent of total .....	47.9	46.5	49.5	52.4	53.0
For human food .....	2,465	2,775	2,952	3,177	3,318
Finfish .....	1,548	1,776	1,833	2,018	2,204
Shellfish <sup>3</sup> .....	917	999	1,119	1,159	1,114
For industrial use .....	2,412	2,613	2,319	2,851	2,949
Imports <sup>4</sup> .....	5,287	6,205	5,381	5,481	5,564
Percent of total .....	52.1	53.5	50.5	47.6	47.0
For human food .....	3,929	4,629	4,514	4,958	4,983
Finfish .....	3,300	3,881	3,808	4,245	4,120
Shellfish <sup>3</sup> .....	629	748	706	713	813
For industrial use <sup>5</sup> .....	1,358	1,576	867	523	631

  

Item	1980 <sup>2</sup>	1981 <sup>2</sup>	1982 <sup>2</sup>	1983 <sup>2</sup>	1984 <sup>2</sup>
	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>
Total .....	11,357	11,353	12,011	12,352	12,552
For human food .....	8,006	8,267	7,968	8,413	8,498
Finfish .....	6,139	6,316	6,090	6,358	6,303
Shellfish <sup>3</sup> .....	1,867	1,951	1,878	2,055	2,195
For industrial use .....	3,351	3,086	4,043	3,939	4,054
Domestic catch .....	6,482	5,977	6,367	6,439	6,438
Percent of total .....	57.1	52.7	53.0	52.1	51.3
For human food .....	3,654	3,547	3,285	3,238	3,320
Finfish .....	2,516	2,414	2,324	2,351	2,348
Shellfish <sup>3</sup> .....	1,138	1,133	961	887	972
For industrial use .....	2,828	2,430	3,082	3,201	3,118
Imports <sup>4</sup> .....	4,875	5,376	5,644	5,913	6,114
Percent of total .....	42.9	47.3	47.0	47.9	48.7
For human food .....	4,352	4,720	4,683	5,175	5,178
Finfish .....	3,623	3,902	3,766	4,007	3,955
Shellfish <sup>3</sup> .....	729	818	917	1,168	1,223
For industrial use <sup>5</sup> .....	523	656	961	738	936

<sup>1</sup> Live weight, except percent. <sup>2</sup> Preliminary <sup>3</sup> For univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc), the weight of meats, excluding the shell is reported. <sup>4</sup> Excluding imports of edible fishery products consumed in Puerto Rico; includes landings of tuna caught by foreign vessels in American Samoa. <sup>5</sup> Fish meal and sea herring. n.a. not available

U.S. Department of Commerce. U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service.



Table 719.—Processed fishery products production and value—Summary: 1975-84 <sup>1</sup>

Product	Production						
	1975	1979	1980	1981	1982	1983	1984
	<i>Mil.</i> <i>lb.<sup>2</sup></i>	<i>Mil.</i> <i>lb.<sup>2</sup></i>	<i>Mil.</i> <i>lb.<sup>2</sup></i>	<i>Mil.</i> <i>lb.<sup>2</sup></i>	<i>Mil.</i> <i>lb.<sup>2</sup></i>	<i>Mil.</i> <i>lb.<sup>2</sup></i>	<i>Mil.</i> <i>lb.<sup>2</sup></i>
	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Total .....	1,113	1,425	1,403	* 1,477	1,469	1,503	1,697
Packaged fresh and frozen.....							
Fish not breaded:							
Fillets and steaks, raw .....	132	187	203	205	218	231	252
Dressed .....	55	35	40	52	78	97	98
Other <sup>4</sup> .....	26	54	48	36	48	59	64
Fish breaded, raw or cooked:							
Sticks .....	91	96	88	89	91	87	92
Fillets, portions, and steaks.....	286	392	326	331	302	334	325
Shellfish: Not breaded .....	315	424	497	524	435	416	489
Breaded, raw and cooked .....	128	129	113	119	129	126	116
Specialties, fish and shellfish .....	80	108	88	121	168	153	261
Canned products .....	1,382	1,439	1,516	1,476	1,283	1,391	411
Fish and shellfish .....	799	959	1,010	1,086	876	987	1,042
Animal food <sup>5</sup> .....	583	480	506	409	407	404	369
Cured fish .....	55	54	66	66	61	82	60
Salted (incl. spiced, pickled) <sup>6</sup> .....	30	31	43	40	35	53	37
Smoked .....	24	22	22	25	24	26	22
Dried (cod) lutefish .....	1	1	1	1	3		
Industrial products .....	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
Meal and scrap (mil. tons) .....	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
Oil (body and liver).....	246	268	313	184	348	399	373
Fish solubles (mil. tons).....	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
Other .....	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )

  

Product	Value						
	1975	1979	1980	1981	1982	1983	1984
	<i>Mil.</i> <i>dol.</i>	<i>Mil.</i> <i>dol.</i>	<i>Mil.</i> <i>dol.</i>	<i>Mil.</i> <i>dol.</i>	<i>Mil.</i> <i>dol.</i>	<i>Mil.</i> <i>dol.</i>	<i>Mil.</i> <i>dol.</i>
Total .....	2,651	4,949	4,942	5,339	4,945	5,071	5,211
Packaged fresh and frozen.....							
Fish not breaded:							
Fillets and steaks, raw .....	138	261	262	306	351	302	410
Dressed .....	43	45	58	73	106	150	183
Other <sup>4</sup> .....	22	42	37	23	34	42	46
Fish breaded, raw or cooked:							
Sticks .....	62	100	89	97	106	116	110
Fillets, portions, and steaks.....	211	428	368	396	387	410	407
Shellfish: Not breaded .....	534	1,374	1,302	1,524	1,387	1,401	1,438
Breaded, raw and cooked .....	220	348	321	362	421	457	414
Specialties, fish and shellfish .....	79	183	130	170	317	187	225
Canned products .....	1,067	1,743	1,928	1,954	1,457	1,534	1,578
Fish and shellfish .....	915	1,593	1,782	1,819	1,325	1,393	1,436
Animal food <sup>5</sup> .....	152	150	146	135	132	141	142
Cured fish .....	102	163	175	221	144	159	165
Salted (incl. spiced, pickled) <sup>6</sup> .....	44	80	85	128	73	88	69
Smoked .....	56	80	86	92	68	68	95
Dried (cod) lutefish .....	2	3	4	1	3		1
Industrial products .....	173	262	272	213	235	253	235
Meal and scrap (mil. tons) .....	66	132	134	119	123	130	113
Oil (body and liver).....	33	54	53	33	54	67	61
Fish solubles (mil. tons).....	9	15	14	15	16	16	15
Other .....	67	61	66	46	42	40	46

<sup>1</sup> Includes U.S. possessions.<sup>2</sup> Except as indicated.<sup>3</sup> Not applicable.<sup>4</sup> Includes bait and unbreaded portions.<sup>5</sup> Includes salmon eggs for bait.<sup>6</sup> Includes sun-dried and freeze-dried.<sup>7</sup> Less than 500,000 tons.

U.S. Dept. of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service.

Table 720.—Selected fishery products—Imports and exports: 1970-1984<sup>1</sup>

Product	Quantity												Value											
	1975			1978			1979			1980			1981			1982			1983			1984		
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
<b>Imports</b>																								
Edible.....	1,913.1	2,410.7	2,355.9	2,144.9	2,272.5	2,225.0	2,386.8	2,454.3	812.5	1,367.2	2,256.3	2,671.9	2,686.7	3,034.2	2,202.4	3,626.7	3,742.3							
Fresh or frozen.....	1,679.1	2,136.5	2,089.7	1,866.0	1,988.5	1,921.3	2,051.5	2,057.1	661.5	1,173.2	1,948.4	2,347.0	2,319.7	2,640.2	2,806.2	3,211.9	3,281.3							
Whitefish <sup>2</sup> .....	8.4	11.4	7.6	8.2	7.5	8.3	9.7	8.5	4.8	5.6	8.6	7.4	8.0	7.2	7.4	7.4	8.5							
Halibut <sup>2</sup> .....	8.0	7.0	4.1	6.3	6.3	6.7	6.1	8.1	6.1	8.0	10.8	7.4	9.3	10.1	10.4	11.2	13.7							
Salmon <sup>2</sup> .....	9.2	6.6	5.0	5.5	6.5	10.4	14.4	21.1	6.7	11.5	13.6	11.4	13.9	15.9	22.1	33.4	56.5							
Sea herring.....	99.2	72.0	40.1	22.0	14.3	28.8	27.7	24.4	1.9	5.1	5.5	1.9	3.6	3.0	5.1	4.9	2.9							
Smelt.....	8.8	10.4	12.6	11.3	12.6	14.4	11.9	8.9	1.6	3.2	4.4	6.0	4.8	6.5	7.5	6.7	4.6							
Tuna.....	478.6	808.2	753.6	722.7	721.3	558.5	505.2	404.2	100.5	121.2	327.2	321.6	429.3	478.6	380.7	240.0	215.9							
Groundfish fillets, blocks <sup>3</sup> .....	513.8	639.4	661.1	557.1	601.3	614.2	682.6	624.0	134.6	278.4	565.4	622.3	545.8	605.2	629.0	708.0	631.1							
Other fillets and steaks.....	167.6	190.6	174.6	148.2	157.0	145.7	141.5	165.7	63.6	117.3	178.7	185.4	158.4	194.2	189.0	188.0	238.3							
Scallops (meats).....	19.7	28.4	25.2	20.9	26.2	20.9	34.3	27.3	19.7	37.2	72.8	84.9	82.0	112.7	73.0	158.7	117.3							
Lobster, American and spiny.....	58.1	56.2	60.7	50.5	55.8	54.4	63.8	73.4	93.8	188.6	256.3	298.5	270.6	308.7	315.6	364.0	435.7							
Shrimp and prawn.....	201.5	195.5	220.2	215.1	218.4	268.5	328.3	328.9	196.8	346.2	418.4	705.0	711.2	715.0	970.0	1,198.0	1,189.9							
<b>Canned</b> .....	166.9	196.7	208.3	212.0	161.6	224.5	257.6	316.4	127.1	152.5	208.3	251.3	297.0	207.9	308.7	330.4	372.9							
Anchovies, in oil.....	3.6	4.8	3.6	4.5	4.3	4.2	3.8	4.9	6.3	5.6	9.6	7.4	13.2	13.5	11.0	8.1	10.9							
Salmon.....	3.3	3.3	4.4	2.2	1.1	2.2	3.8	0.5	1.6	3.9	7.7	8.8	4.4	1.1	6.1	1.5	1.1							
Sardines, in oil.....	18.5	24.2	22.9	18.2	18.2	14.1	17.2	17.5	15.8	16.3	25.5	27.7	24.2	25.1	19.1	21.2	23.4							
Sardines and herring, not in oil.....	24.9	32.1	34.0	38.5	43.2	41.3	23.7	31.5	8.3	15.9	22.9	25.8	28.4	35.8	30.5	21.5	24.8							
Tuna.....	51.7	51.8	53.7	63.6	70.9	87.6	122.3	162.3	44.3	46.0	63.8	65.1	97.3	110.4	113.3	137.3	167.3							
Bonito and yellowtail.....	1.1	4.4	4.4	8.8	9.9	5.5	2.2	2.2	5.5	1.1	4.4	12.3	12.5	13.2	16.3	20.6	20.0							
Crab meat.....	1.4	4.1	5.1	5.0	5.0	5.7	6.5	6.2	5.3	2.9	9.5	18.3	12.3	20.3	24.0	26.5	24.8							
Oysters.....	12.4	23.5	19.1	17.0	20.4	22.4	21.6	23.0	8.1	8.4	24.6	18.3	20.3	24.0	26.5	24.8	26.2							
Lobster, American and spiny.....	2.1	2.4	1.9	2.2	3.1	3.4	1.2	1.2	8.0	10.9	15.7	11.7	12.8	20.4	26.1	8.6	2.1							
<b>Pickled or salted</b> .....	56.2	64.9	59.8	53.3	67.9	64.3	60.9	61.1	20.0	34.7	54.5	55.6	50.4	71.0	62.5	56.1	55.5							
Cod, haddock, hake, pollock, cusk.....	33.6	37.6	39.7	33.0	45.3	40.8	37.7	38.0	13.6	26.8	38.3	43.3	36.0	56.2	48.6	42.9	42.3							
Herring.....	20.6	25.0	17.2	16.7	20.1	21.2	20.3	20.2	5.4	6.6	13.6	9.4	10.4	11.5	10.6	9.8	9.9							
Nonedible scrap and meal.....	236.7	87.8	179.2	99.0	118.9	168.7	135.9	166.9	37.7	23.6	12.6	29.6	15.5	20.5	25.7	21.8	26.5							
<b>Exports</b>																								
Canned salmon.....	22.5	32.5	50.7	74.0	63.5	41.2	54.5	49.0	13.1	34.6	49.2	91.9	150.0	128.6	65.9	97.0	80.8							
Canned sardines.....	2.2	1.6	1.8	1.7	1.0	1.0	1.0	1.0	9.7	1.8	1.5	1.2	1.4	1.7	9.7	7.7	6.6							
Fish oil, nonedible.....	191.8	222.0	198.5	284.0	238.3	202.3	404.1	389.4	15.7	27.8	42.3	39.6	52.4	42.6	35.7	59.8	71.0							

<sup>1</sup> Includes Puerto Rico. <sup>2</sup> Excludes fillets.<sup>3</sup> Includes cod, cusk, haddock, hake, pollock, Atlantic ocean perch, and whiting.

U.S. Dept. of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service.

Table 721.—Fishery products; Imports and Exports, 1970-84 <sup>1</sup>

Year	Imports <sup>2</sup>				Exports			
	Total value	Edible products		Non-edible, value	Total value	Edible products		Non-edible, value
		Quantity	Value			Quantity	Value	
	<i>Mil. dol.</i>	<i>Mil. lb.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. lb.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>
1970 .....	1,037	1,873	813	225	118	140	94	24
1973 .....	1,583	2,416	1,398	185	299	239	242	57
1974 .....	1,711	2,267	1,495	215	262	178	195	67
1975 .....	1,637	1,913	1,367	270	305	218	267	37
1976 .....	2,328	2,228	1,914	414	385	241	330	55
1977 .....	2,634	2,176	2,078	555	520	331	473	47
1978 .....	3,086	2,411	2,256	830	906	448	832	74
1979 .....	3,809	2,359	2,672	1,137	1,084	554	1,022	62
1980 .....	3,648	2,145	2,687	962	1,006	574	904	102
1981 .....	4,206	2,272	3,034	1,172	1,157	669	1,073	84
1982 .....	4,523	2,225	3,202	1,321	1,059	657	999	60
1983 .....	5,129	2,387	3,627	1,502	1,021	602	908	114
1984 .....	5,883	2,454	3,742	2,141	949	574	842	106

<sup>1</sup> Includes Puerto Rico.<sup>2</sup> Includes landings of tuna by foreign vessels in American Samoa.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service.

Table 722.—Estimated number of fishing trips taken by marine recreational fishermen by subregion and year, Atlantic, Gulf, and Pacific Coasts, 1979-82

Subregion	1979 <sup>1</sup>	1980	1981	1982
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Atlantic and Gulf:				
North Atlantic .....	7,255	7,768	6,556	7,672
Mid-Atlantic .....	18,653	24,913	14,771	17,029
South Atlantic .....	15,947	16,898	11,345	15,648
Gulf .....	21,273	24,471	19,089	20,520
Total <sup>2</sup> .....	63,128	74,050	51,761	60,868
Pacific: <sup>3</sup>				
Southern California .....	4,489	8,944	5,059	5,727
Northern California .....	2,109	3,553	2,893	2,575
Oregon .....	396	707	1,091	908
Washington .....	859	1,528	1,881	1,711
Total <sup>2</sup> .....	7,852	14,732	10,923	10,921
Grand Total <sup>3</sup> .....	70,980	88,782	62,684	71,789

<sup>1</sup> Estimates for the Pacific subregions in 1979 are for July-December.<sup>2</sup> Totals may not add due to rounding.<sup>3</sup> Pacific estimates do not include salmon fishing trips.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service.

**Table 723.—Estimated number of fish caught by marine recreational fishermen by subregion and year, Atlantic, Gulf, and Pacific Coasts, 1979-82**

Subregion	1979 <sup>1</sup>	1980	1981	1982
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Atlantic and Gulf:				
North Atlantic.....	53,835	46,637	40,256	48,699
Mid-Atlantic.....	121,485	157,776	104,160	90,626
South Atlantic.....	101,595	77,477	54,964	76,844
Gulf.....	162,279	154,176	131,407	154,405
Total <sup>2</sup> .....	439,194	436,066	330,788	370,575
Pacific: <sup>3</sup>				
Southern California.....	30,165	43,498	24,021	30,948
Northern California.....	14,319	28,695	14,411	11,002
Oregon.....	1,602	2,509	3,193	2,826
Washington.....	3,207	9,226	9,015	8,251
Total <sup>3</sup> .....	49,293	83,927	50,640	53,027
Grand total <sup>2</sup> .....	488,487	519,993	381,428	423,602

<sup>1</sup> Estimates for the Pacific subregions in 1979 are for July-December. <sup>2</sup> Totals may not add due to rounding.

<sup>3</sup> Pacific estimates do not include salmon data collected by State recreational fishing surveys.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service.

**Table 724.—Estimated number of fish caught by marine recreational fishermen by mode and year, Atlantic, Gulf, and Pacific Coasts, 1979-82**

Mode	1979 <sup>1</sup>	1980	1981	1982
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Atlantic and Gulf:				
Man-made.....	79,755	85,549	75,338	71,135
Beach/bank.....	44,126	45,440	29,876	27,963
Party/charter.....	35,086	55,171	66,956	109,766
Private/rental.....	280,227	249,907	158,618	161,711
Total <sup>2</sup> .....	439,194	436,066	330,788	370,575
Pacific: <sup>3</sup>				
Man-made.....	12,001	17,406	6,285	7,151
Beach/bank.....	11,736	25,628	11,492	7,246
Party/charter.....	9,949	16,629	15,202	22,474
Private/rental.....	15,606	24,266	17,660	16,156
Total <sup>2</sup> .....	49,293	83,927	50,640	53,027
Grand total <sup>2</sup> .....	488,487	519,993	381,428	423,602

<sup>1</sup> Estimates for the Pacific subregions in 1979 are for July-December. <sup>2</sup> Totals may not add due to rounding.

<sup>3</sup> Pacific estimates do not include salmon data collected by State recreational fishing surveys.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service.



**Table 725.—Estimated number of fish caught by marine recreational fishermen by area of fishing and year, Atlantic, Gulf, and Pacific coasts, 1979–82**

Mode	1979 <sup>1</sup>	1980	1981	1982
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Atlantic and Gulf:				
Ocean 3 miles or less .....	103,442	41,913	129,026	178,269
Ocean over 3 miles .....	52,479	75,053	66,715	77,271
Inland .....	277,570	231,697	104,264	96,746
Undefined <sup>2</sup> .....	5,704	87,403	30,783	18,288
Total <sup>3</sup> .....	439,194	436,066	330,788	370,575
Pacific: <sup>4</sup>				
Ocean 3 miles or less .....	32,151	58,865	32,640	30,296
Ocean over 3 miles .....	7,130	6,726	5,291	7,592
Inland .....	8,483	13,791	11,524	12,325
Undefined <sup>2</sup> .....	1,529	4,545	1,186	2,814
Total <sup>3</sup> .....	49,293	83,927	50,640	53,027
Grand total <sup>3</sup> .....	488,487	519,993	381,428	423,602

<sup>1</sup> Estimates for the Pacific subregions in 1979 are for July–December. <sup>2</sup> This category includes “Missing data” on area and local variation in marine geographic terminology which sometimes prevented interviewers from determining acceptable answers to questions on “Distance from shore.” <sup>3</sup> Totals may not add due to rounding.

<sup>4</sup> Pacific estimates do not include salmon data collected by State recreational fishing surveys.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service.

Table 726.—Estimated number of fish caught by marine recreational fishermen by species group and year, Atlantic and Gulf coasts

Species group	1979	1980	1981	1982
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Sharks, other .....	2,119	2,480	1,906	1,469
Sharks, dogfish .....	1,277	595	1,560	1,217
Skates/Rays .....	1,943	1,710	789	845
Eels .....	484	713	424	466
Herrings .....	9,968	6,643	5,442	9,450
Freshwater catfishes .....	340	457	1,506	262
Saltwater catfishes .....	33,323	26,072	20,639	26,585
Toadfishes .....	1,725	2,196	4,160	1,789
Atlantic cod .....	3,091	2,439	4,922	3,249
Atlantic tomcod .....	904	419	73	454
Pollock .....	3,648	4,446	2,724	1,685
Silver hake .....	1,343	16,127	393	1,196
Searobins .....	5,145	7,957	2,613	5,074
Sculpins .....	256	1,440	592	969
White perch .....	7,322	3,577	1,746	1,249
Striped Bass .....	2,017	584	895	941
Black sea bass .....	10,622	9,217	9,621	22,690
Groupers .....	1,637	1,534	2,035	3,157
Sea basses, other .....	1,975	1,936	2,534	4,116
Bluefish .....	38,201	42,805	32,470	33,332
Jack crevalle .....	1,764	1,439	788	2,643
Blue runner .....	1,897	1,766	1,616	4,787
Greater amberjack .....	257	371	382	1,325
Florida pompano .....	788	1,018	999	605
Jacks, other .....	3,096	1,482	1,034	1,733
Dolphins .....	2,142	2,592	1,805	2,666
Gray snapper .....	3,029	1,759	1,686	7,069
Red snapper .....	6,817	4,565	5,407	3,887
Lane snapper .....	276	636	600	641
Vermilion snapper .....	1,015	1,471	289	5,662
Yellowtail snapper .....	1,527	581	2,046	2,775
Snappers, other .....	787	790	1,081	1,307
Pigfish .....	1,910	1,142	2,281	2,643
White grunt .....	3,776	2,626	4,691	5,475
Grunts, other .....	7,298	4,836	3,405	5,648
Scup .....	11,593	14,467	7,440	7,717
Pinfish .....	16,958	14,942	12,750	13,027
Sheepshead .....	4,906	5,591	3,915	4,117
Red porgy .....	87	375	587	4,340
Porgies, other .....	4,512	3,319	1,580	3,281
Spotted seatrout .....	26,602	18,895	14,858	21,299
Weakfish .....	5,255	15,030	9,511	2,300
Sand seatrout .....	10,483	11,701	11,068	4,373
Silver perch .....	2,571	5,195	1,180	1,094
Spot .....	26,669	28,847	28,455	19,792
Kingfishes .....	6,325	12,057	11,031	4,933
Atlantic croaker .....	29,166	27,558	16,740	13,336
Black drum .....	4,065	2,588	1,713	1,704
Red drum .....	7,056	5,310	4,465	7,803
Drums, other .....	2,344	1,389	630	429
Mulletts .....	11,769	8,746	8,847	5,284
Barracudas .....	455	395	473	450
Tautog .....	3,312	3,285	2,017	3,586
Cunner .....	3,741	4,382	2,281	3,298
Little tunny/Atl. bonito .....	1,256	1,424	1,560	1,858
Atlantic mackerel .....	7,304	5,437	11,069	1,520
King mackerel .....	1,005	2,388	2,999	1,867
Spanish mackerel .....	3,231	3,163	3,539	4,229
Tunas/mackerels, other .....	636	649	1,686	454
Summer flounder .....	24,164	28,491	13,709	23,336
Gulf flounder .....	447	462	322	411
Southern flounder .....	3,054	1,582	865	2,282
Winter flounder .....	32,834	19,065	19,430	19,926
Flounders, other .....	2,269	2,682	1,046	4,801
Triggerfishes/filefishes .....	1,558	1,294	1,024	2,733
Puffers .....	500	944	364	731
Other fishes .....	19,345	23,989	8,480	15,206
Total <sup>1</sup> .....	439,194	436,066	330,788	370,575

<sup>1</sup> Totals may not add due to rounding.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration. National Marine Fisheries Service.

Table 727.—Estimated number of fish caught by marine recreational fishermen by species group and year, Pacific coast <sup>1</sup>

Species group	1979 <sup>2</sup>	1980	1981	1982
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Leopard shark.....	129	159	69	40
Spiny dogfish.....	290	403	482	554
Sharks, other.....	285	406	373	190
Sturgeons.....	( <sup>3</sup> )	84	97	55
Pacific herring.....	139	3,550	316	894
Northern anchovy.....	367	213	166	48
Surf smelt.....	7,385	17,657	3,984	2,053
Smelts, other.....	177	3,594	1,626	1,684
Pacific cod.....	( <sup>3</sup> )	212	309	100
Pacific tomcod.....	160	56	56	34
Walleye pollock.....	247	334	1,517	897
Pacific hake.....	37	151	41	178
Silversides.....	253	123	113	134
Jacksmelt.....	420	936	749	466
Striped bass.....	123	47	107	75
Kelp bass.....	1,332	2,276	1,869	2,664
Spotted sand bass.....	179	247	242	154
Barred sand bass.....	327	1,016	607	2,102
Sea basses, other.....	426	645	699	549
White croaker.....	2,847	7,276	2,975	2,707
California corbina.....	96	51	44	71
Queenfish.....	631	1,204	323	456
Croakers, other.....	241	406	227	302
Opaleye.....	148	209	86	144
Halfmoon.....	466	188	69	93
Shiner perch.....	396	485	317	458
Striped seaperch.....	97	462	324	305
Black perch.....	120	195	86	120
Walleye surfperch.....	401	691	351	313
Silver surfperch.....	157	238	266	193
White seaperch.....	87	153	86	119
Pile perch.....	126	234	183	180
Redtail surfperch.....	935	819	731	628
Barred surfperch.....	1,104	1,044	772	732
Surfperches, other.....	755	1,683	1,096	1,265
Pacific barracuda.....	236	184	353	1,551
Pacific bonito.....	3,327	3,306	2,354	1,304
Pacific mackerel.....	5,952	9,789	6,633	8,738
Brown rockfish.....	394	474	282	226
Copper rockfish.....	314	584	650	514
Widow rockfish.....	133	274	46	321
Yellowtail rockfish.....	401	657	526	1,201
Chilipepper rockfish.....	527	485	392	464
Quillback rockfish.....	56	108	139	161
Black rockfish.....	683	973	2,501	2,269
Blue rockfish.....	2,745	2,979	2,248	2,423
Bocaccio.....	2,739	2,370	1,129	1,274
Canary rockfish.....	206	479	294	446
Greenspotted rockfish.....	226	268	125	261
Olive rockfish.....	511	831	307	418
Gopher rockfish.....	264	452	103	145
California scorpionfish.....	188	407	259	602
Rockfishes, other.....	2,712	4,762	3,338	3,893
Sablefish.....	126	283	46	41
Kelp Greenling.....	240	409	349	307
Lingcod.....	473	770	670	659
Greenlings, other.....	111	159	83	61
Pacific staghorn sculpin.....	1,731	1,335	657	628
Cabezon.....	171	275	168	182
Sculpins, other.....	694	560	497	569
Sanddabs.....	1,006	681	2,651	569
California halibut.....	372	735	589	907
Rock sole.....	44	94	86	78
Starry flounder.....	66	244	299	218
Flatfishes, other.....	191	236	520	313
Other fishes.....	1,540	1,319	990	1,278
Total <sup>4</sup> .....	49,293	83,927	50,640	53,027

<sup>1</sup> Does not include salmon data collected by State surveys. <sup>2</sup> Estimates for 1979 are for July-December.  
<sup>3</sup> Less than 30 thousand reported. Data has been included in totals. <sup>4</sup> Totals may not add due to rounding.  
 U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service.

Table 728.—Refrigerated warehouses: Total gross space Oct. 1, by type of plant, United States, biennially, 1955-83<sup>1</sup>

Year	Public cold storage only	Private and semiprivate cold storage	Meat-packing establishments	Total all types <sup>2</sup>
	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.
1955.....	498,599	245,850	68,568	813,017
1957.....	545,061	294,174	62,162	901,397
1959.....	569,199	325,313	50,872	945,384
1961.....	595,463	379,355	51,985	1,026,803
1963.....	633,447	428,250	50,372	1,112,069
1965.....	683,972	473,515	45,903	1,203,390
1967.....	734,804	517,468	41,833	1,294,105
1969.....	762,203	554,611	35,932	1,352,746
1971.....	774,265	624,442	28,272	1,426,979
1973.....	828,691	686,477	(*)	1,515,168
1975.....	875,292	754,772	.....	1,630,064
1977.....	893,589	784,943	.....	1,678,532
1979.....	940,005	912,460	.....	1,852,464
1981.....	983,093	941,881	.....	1,924,973
1983.....	1,047,171	1,019,459	.....	2,066,630

<sup>1</sup> Warehouse space is defined as all space artificially cooled to temperatures of 50°F. or less, in which food commodities are held for 30 days or longer.

<sup>2</sup> Totals may not add due to rounding.

<sup>3</sup> Included in "Private and semiprivate cold storage," beginning 1973.

Statistical Reporting Service.

Table 729.—Refrigerated warehouses: Total gross space, by States, Oct. 1, 1983<sup>1</sup>

State	Gross space	State	Gross space	State	Gross space	State	Gross space
	1,000 cu. ft.		1,000 cu. ft.		1,000 cu. ft.		1,000 cu. ft.
Ala.....	9,032	Ind.....	20,997	Nebr.....	21,858	S. Dak.....	3,369
Alaska.....	3,445	Iowa.....	45,849	Nev.....	1,486	Tenn.....	30,221
Ariz.....	7,007	Kans.....	36,853	N.H.....	4,916	Texas.....	74,732
Ark.....	8,936	Ky.....	11,646	N.J.....	44,260	Utah.....	18,178
Calif.....	241,917	La.....	6,750	N. Mex.....	1,526	Vt.....	2,735
Colo.....	11,764	Maine.....	17,831	N.Y.....	96,307	Va.....	53,245
Conn.....	5,938	Md. and D.C.....	16,975	N.C.....	9,681	Wash.....	353,039
Del.....	7,493	Mass.....	47,927	Ohio.....	33,010	W. Va.....	9,960
Fla.....	161,230	Mich.....	77,583	Okla.....	6,026	Wis.....	89,591
Ga.....	64,617	Minn.....	43,682	Oreg.....	115,257	Other States.....	9,350
Hawaii.....	2,929	Miss.....	3,235	Pa.....	65,270	U.S.....	<sup>2</sup> 2,066,631
Idaho.....	34,385	Mo.....	53,684	R. I.....	3,306		
Ill.....	60,217	Mont.....	198	S.C.....	10,019		

<sup>1</sup> Only those States having 3 or more warehouses are listed separately.

<sup>2</sup> Totals may not add due to rounding.

Statistical Reporting Service.



Table 730.—Alaska crops: Acreage harvested, 1970–84

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
1970 .....	500	1,500	1,400	6,600	1,500	1,400	610	200
1971 .....	200	3,100	1,900	5,100	2,200	2,000	630	205
1972 .....	500	2,800	2,400	8,500	1,900	1,900	550	170
1973 .....	600	3,100	2,200	9,400	1,200	1,700	500	165
1974 .....	400	1,100	3,200	9,400	1,100	1,700	570	155
1975 .....	400	1,500	3,600	10,800	1,000	1,800	530	165
1976 .....	300	1,300	3,300	10,400	1,000	1,500	510	175
1977 .....	400	2,600	2,100	10,200	1,000	1,400	520	162
1978 .....	600	4,000	2,300	9,900	900	1,500	450	198
1979 .....	300	5,800	1,000	9,800	700	1,700	460	220
1980 .....	600	11,500	2,400	10,400	1,900	1,700	460	227
1981 .....	500	8,500	3,200	11,200	1,400	1,600	500	273
1982 .....	600	7,500	2,200	10,900	700	1,100	480	306
1983 .....	600	11,900	2,800	12,900	1,000	1,000	520	287
1984 <sup>2</sup> .....	1,700	15,000	3,000	12,600	4,600	1,200	550	301

<sup>1</sup> Excludes greenhouse-grown vegetables. <sup>2</sup> Preliminary.  
Statistical Reporting Service.

Table 731.—Alaska crops: Volume harvested, 1970–84

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables <sup>1</sup>
	<i>Cwt.</i>	<i>Cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Cwt.</i>	<i>Cwt.</i>
1970 .....	7,200	22,300	1,500	7,900	7,400	6,200	106,800	15,900
1971 .....	3,800	21,600	2,600	4,600	13,300	6,200	110,300	16,100
1972 .....	4,800	24,900	3,000	11,500	10,700	8,600	99,000	14,000
1973 .....	8,100	48,400	2,600	12,200	6,400	6,400	102,500	13,700
1974 .....	3,200	18,200	4,000	11,800	5,900	6,600	90,500	16,000
1975 .....	5,400	33,600	7,100	14,300	4,800	10,400	108,700	16,300
1976 .....	3,800	32,200	6,100	12,500	4,500	6,700	91,000	18,800
1977 .....	6,300	60,500	3,500	17,100	3,900	7,700	115,000	19,300
1978 .....	9,200	72,000	4,700	15,700	5,300	6,800	81,000	19,900
1979 .....	5,000	137,800	1,600	14,200	4,200	8,200	85,000	22,700
1980 .....	8,400	162,700	2,700	12,300	4,700	7,700	77,000	23,200
1981 .....	7,000	120,500	5,500	14,700	6,100	6,700	95,000	23,480
1982 .....	10,000	151,200	2,500	11,800	4,700	5,300	102,000	29,857
1983 .....	12,000	177,100	4,600	17,100	5,800	8,000	118,000	30,467
1984 <sup>2</sup> .....	112,000	252,000	4,400	19,000	14,700	6,600	122,000	31,923

<sup>1</sup> Excludes greenhouse-grown vegetables. <sup>2</sup> Preliminary.  
Statistical Reporting Service.

Table 732.—Alaska crops: Value of production, 1970-84

Year	Oats for grain	Barley for grain	All hay	All silage	Potatoes	Other vegetables <sup>1</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1970.....	29,000	88,000	705,000	245,000	705,000	255,000
1971.....	17,000	83,000	576,000	351,000	772,000	319,000
1972.....	21,000	101,000	1,160,000	367,000	941,000	291,000
1973.....	58,000	363,000	1,332,000	320,000	1,179,000	282,000
1974.....	27,000	158,000	2,054,000	500,000	1,122,000	381,000
1975.....	44,000	287,000	2,782,000	532,000	1,304,000	390,000
1976.....	30,000	261,000	2,325,000	391,000	1,092,000	447,000
1977.....	51,000	479,000	2,781,000	433,000	1,323,000	439,000
1978.....	79,000	570,000	2,652,000	457,000	982,000	539,000
1979.....	41,000	861,000	2,054,000	477,000	1,046,000	571,000
1980.....	81,000	1,017,000	2,100,000	484,000	1,563,000	616,000
1981.....	65,000	1,029,000	3,232,000	499,000	1,995,000	678,000
1982.....	156,000	1,134,000	2,717,000	428,000	1,632,000	779,000
1983.....	113,000	1,218,000	3,906,000	620,000	2,053,000	834,000
1984 <sup>2</sup> .....	269,000	1,575,000	3,744,000	942,000	2,318,000	812,000

<sup>1</sup> Excludes greenhouse-grown vegetables.<sup>2</sup> Preliminary.

Statistical Reporting Service.



Am



